

ViewZ PRO S3 Graphics MaxWall

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# User Manual



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- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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# Chapter1 Introduction

## 1.1 Purpose

PRO S3 MaxWall is a powerful and user-friendly video surveillance software for Control room. This user manual provides important information of the PRO S3 Graphics PRO S3 MaxWall and it helps user to install and use PRO S3 MaxWall System.

## 1.2 About Software

PRO S3 Graphics PRO S3 MaxWall System gives you the benefit of Multi-screen monitoring system solution at a low cost. PRO S3 MaxWall contains Slave, Master and Server. Slave is used to be installed on Multi-screen monitor machine which is responsible for displaying all the monitor signals. Server is used to be installed on other machine which is responsible for communicating with Slave and Master. User can control Slave machine by Master.

## 1.3 System requirements

	Master	Server	Slave
CPU	No special requirements	No special requirements	2.0 GHz Dual Core or above
System Memory	1GB DDR or more	1GB DDR or more	2GB DDR or more
Display Card	No special requirements	No special requirements	uH8 video card or later
OS	Windows XP or new	Windows XP or new	Windows 7 or new

Table1-1

## 1.4 Software requirements

- User needs to install ViewZ embedded or PRO S3 Graphics VideoWall driver on Slave machine.

Before installing the PRO S3 MaxWall, please install the following software for playing media files:

- PRO S3 Graphics Video Filters: for playing Video files
- Runtime: for running the MaxWall (need to be installed on Master and Server machine)

Download path: <http://search.microsoft.com/en-us/DownloadResults.aspx?q=runtime>

## 1.5 User Guide Overview

This User Guide describes the features of PRO S3 MaxWall and provides instructions on how to operate it, as well as referencing functions provided by the PRO S3 MaxWall.

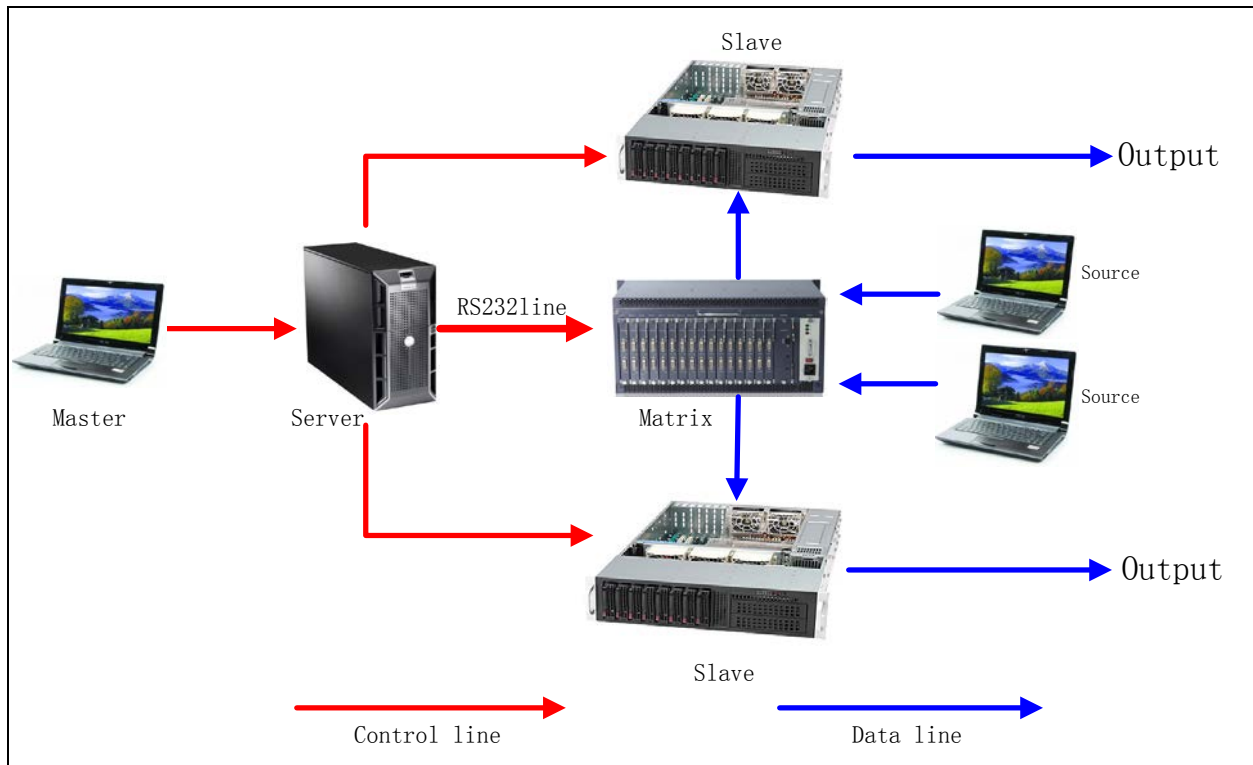
The User Guide is divided into two sections:

- **Quick Start Section:** An overview of the PRO S3 MaxWall. Start at the beginning of this section if you are a new user with the Server Edition or just want to familiarize yourself with PRO S3 MaxWall's capabilities. [Quick start].
- **Component Reference Section:** describes all windows, menus, commands and other functions. Refer to this section to learn more about specific functions in PRO S3 MaxWall. [Components]

## Chapter2 Installation

This chapter will introduce the basic operation of PRO S3 MaxWal-MultiSlave. User can quickly use PRO S3 MaxWal-MultiSlave after reading this chapter.

- Machine1: Install the Slave
- Machine2: Install the Server
- Machine3: Install the Master



### 2.1 Slave Installation

1. Run **Slavesetup.msi** on Machine1 to start Slave installation.
2. Click the **Next** button in the Welcome page.



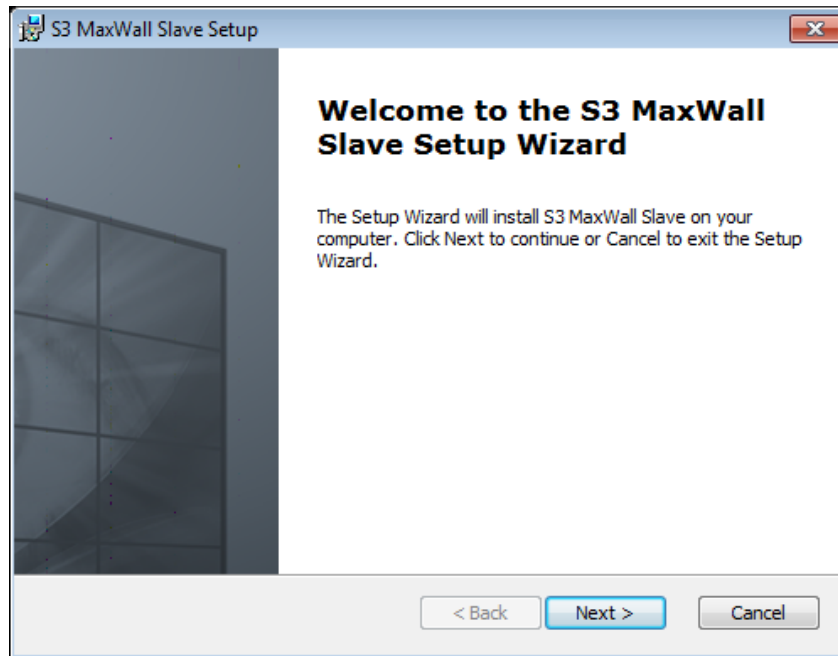


Figure 2.1-1

3. In the End-User License Agreement page, check **"I accept the terms in the License Agreement"** and click the **Next** button.

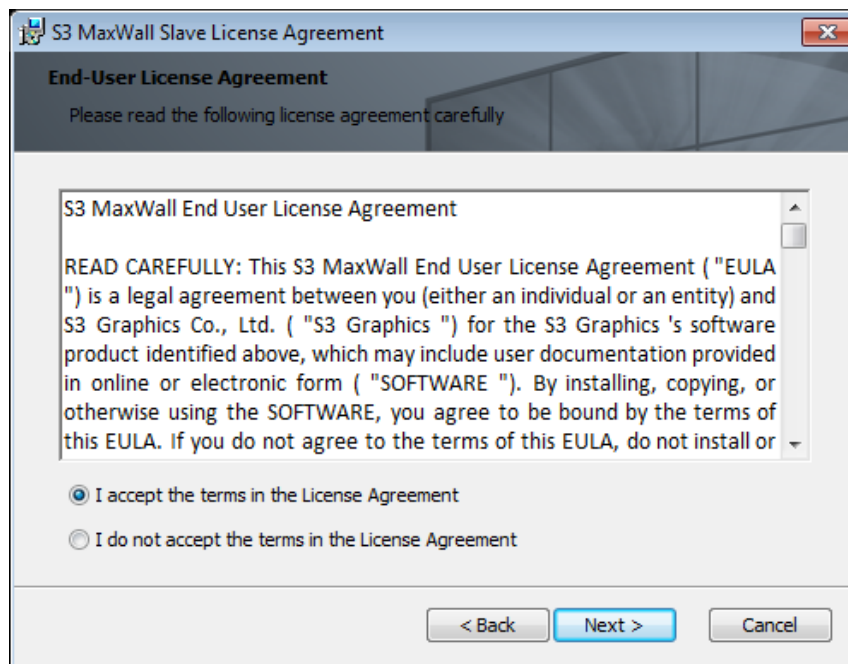


Figure 2.1-2

4. Setup type: Choose **Typical**.

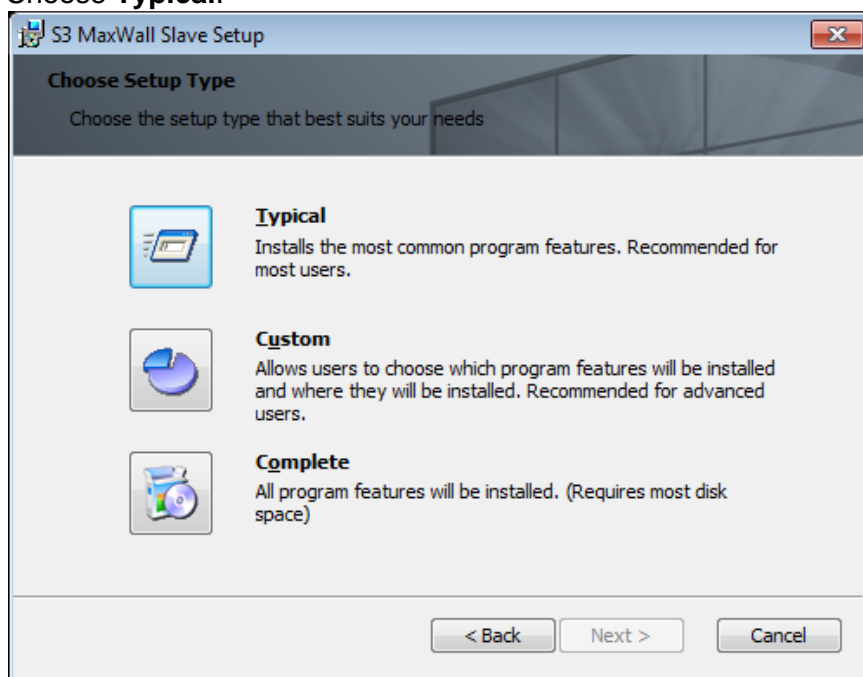


Figure 2.1-3

5. Click the **Install** button to begin the installation.

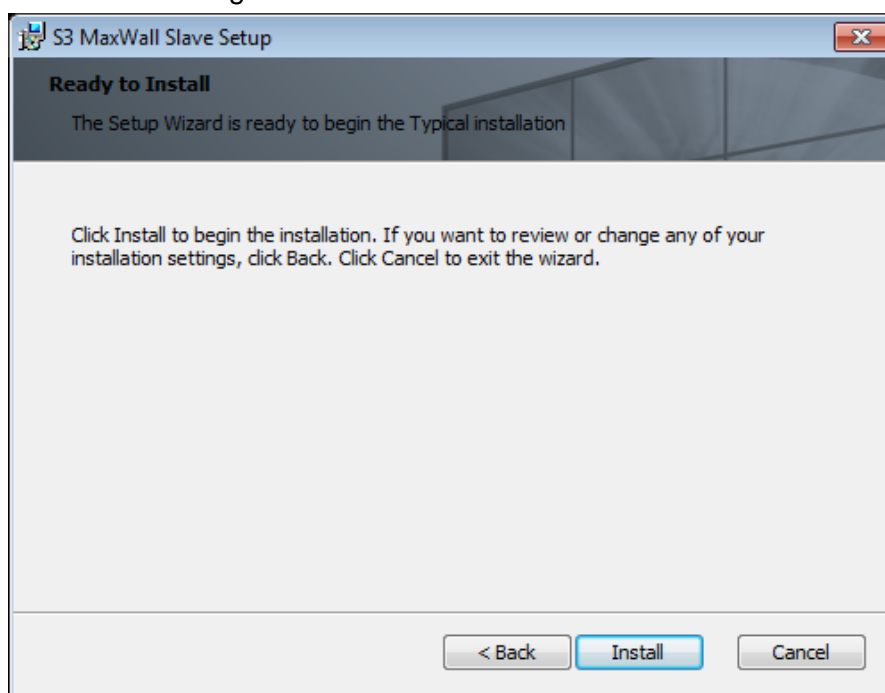


Figure 2.1-4

6. Click the **Finish** button to exit the Setup Wizard and complete the installation.

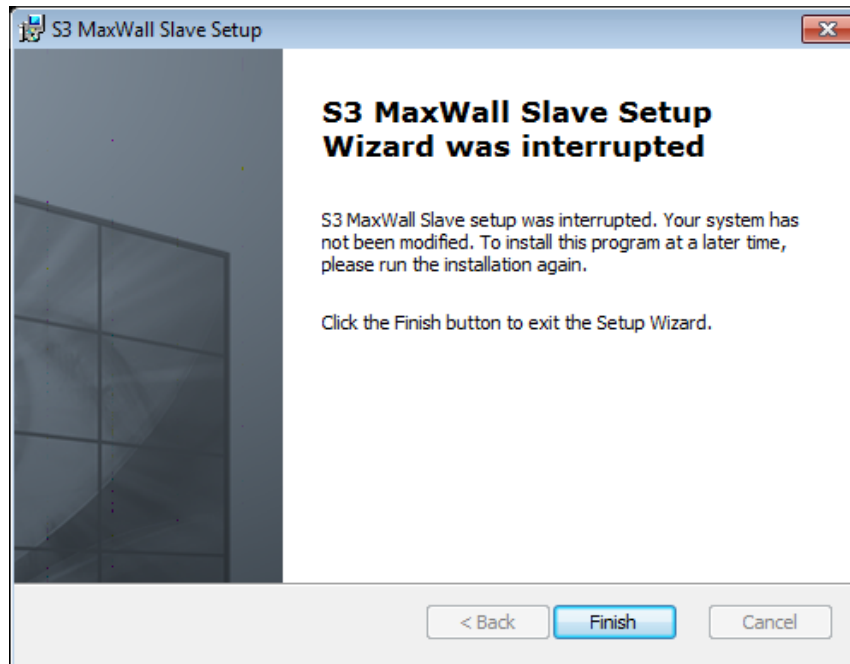


Figure 2.1-5

After installation, there will be two new icons on the desktop. **Slave config** is used to change Slave configuration, **Slave** is used to start Slave.

## 2.2 Server Installation

1. Run **serversetup.msi** on Machine2 to start Slave installation.
2. Click the **Next** button in the Welcome page.



Figure 2-2-1

3. In the End-User License Agreement page, check **"I accept the terms in the License Agreement"** and click the **Next** button.

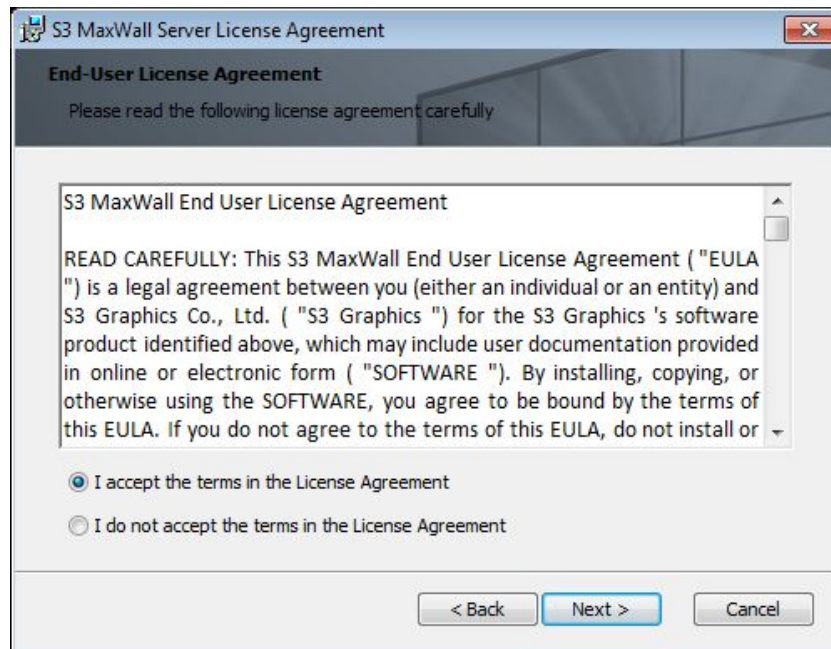


Figure 2-2-2

4. Click the **Next** button to continue.



Figure 2-2-3

5. Setup type: Choose **Typical**.

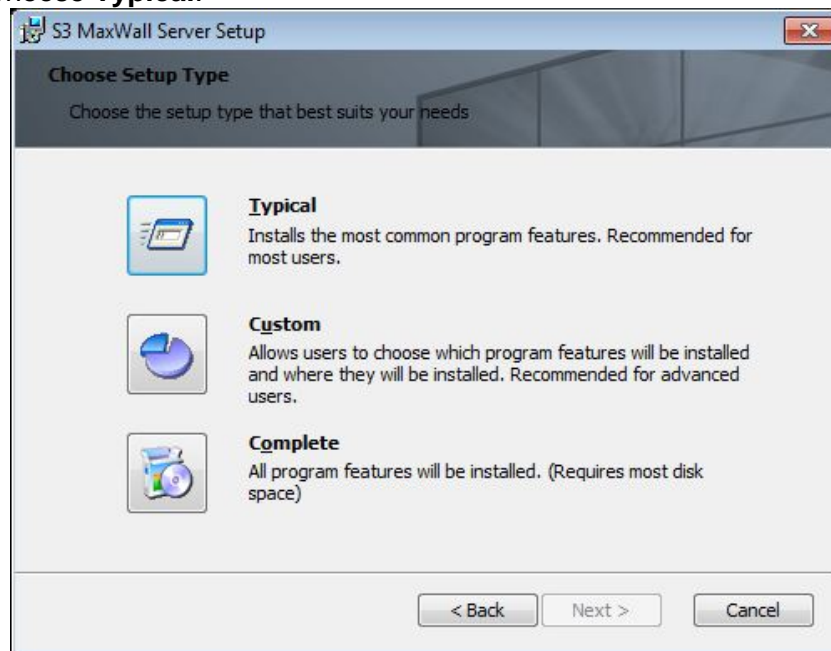


Figure 2-2-4

5. Click the **Finish** button to exit.

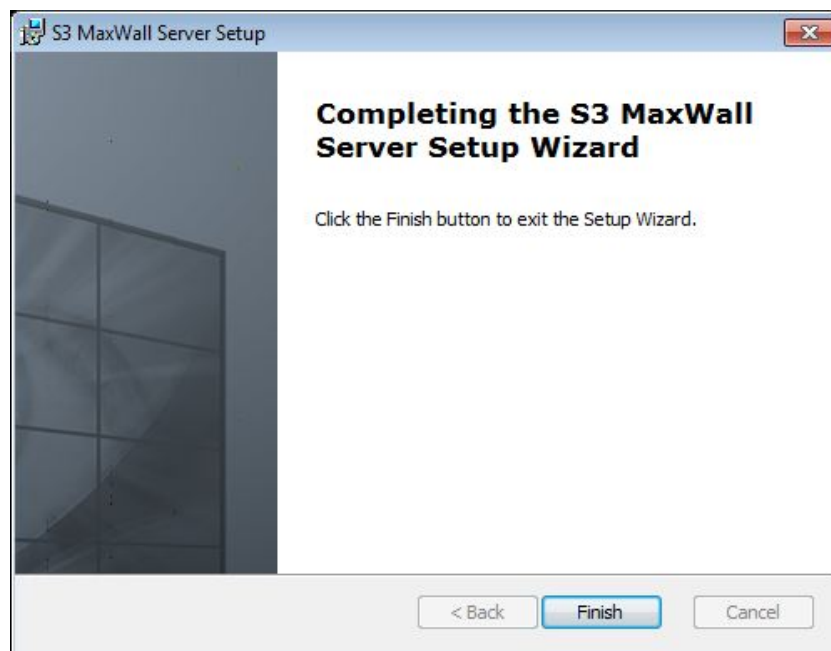


Figure 2.2-5

## 2.3 Master Installation

1. Run **mastersetup.msi** on machine3 to start master installation.
2. Click the **Next** button in the Welcome page.

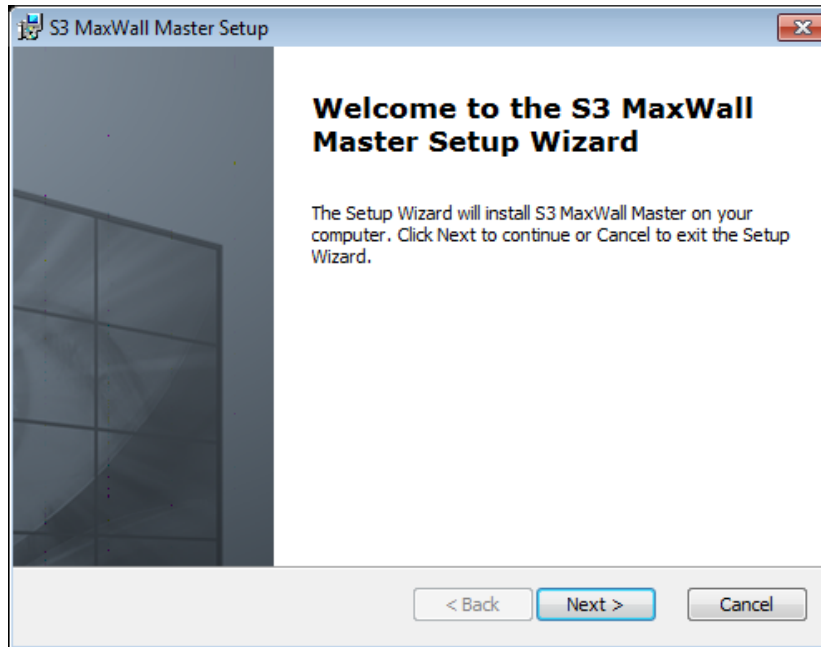


Figure 2.3-1

3. In the End-User License Agreement page, check '**I accept the terms in the License Agreement**'; click the **Next** button.

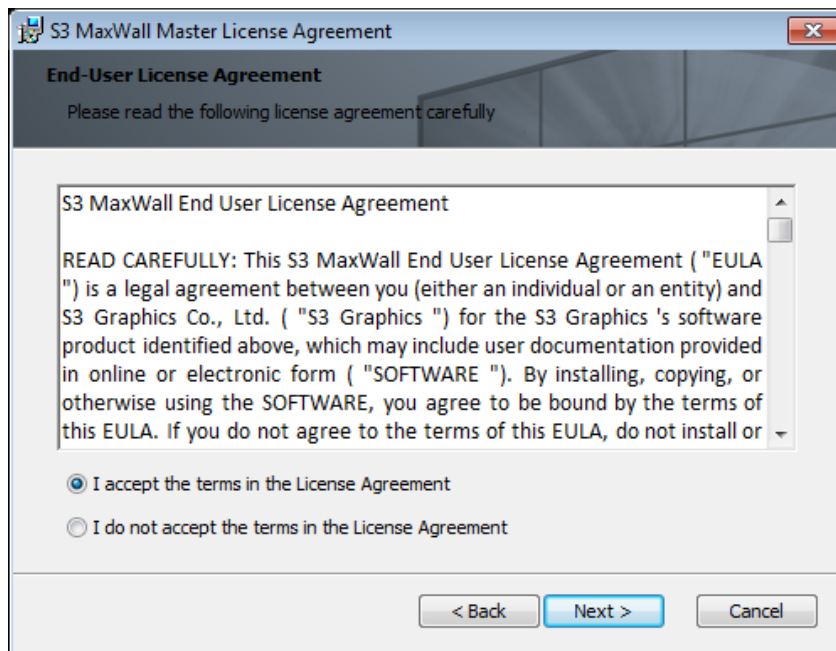


Figure 2.3-2

4. Setup type: Click **Typical**.

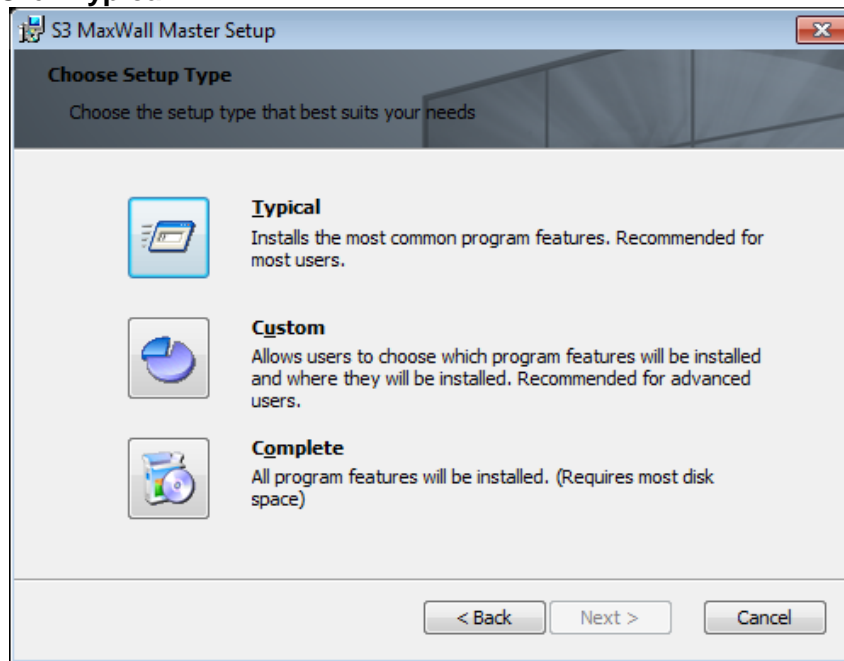


Figure 2.3-3

5. Click the **Install** button to begin the installation.

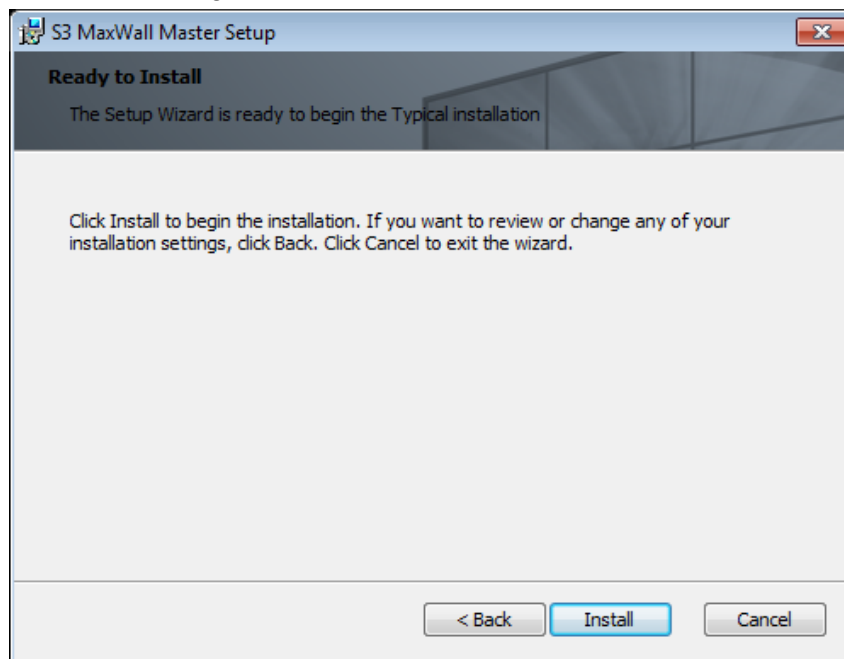


Figure 2.3-4

6. Click the **Finish** button to exit the Setup Wizard and complete the installation.

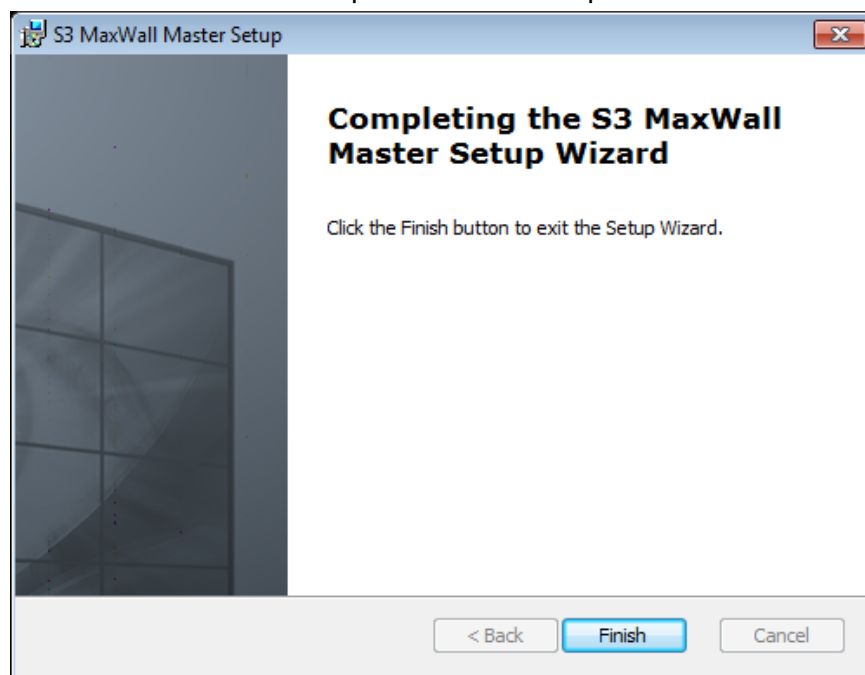


Figure 2.3-5

## 2.4 Patch Installation

Check whether the patch is in package, patch package helps user to update the SW Version without uninstalling and reinstalling.

Symbols	3/17/2014 10:38 AM	File folder	
MasterMinorPatch2.2.25_2.2.26	3/17/2014 10:33 AM	Windows Installer ...	7,096 KB
MasterSetup	3/17/2014 10:32 AM	Windows Installer ...	15,056 KB
ServerMinorPatch2.2.25_2.2.26	3/17/2014 10:33 AM	Windows Installer ...	9,404 KB
ServerSetup	3/17/2014 10:32 AM	Windows Installer ...	16,608 KB
SlaveMinorPatch2.2.25_2.2.26	3/17/2014 10:36 AM	Windows Installer ...	16,040 KB
SlaveSetup	3/17/2014 10:32 AM	Windows Installer ...	45,564 KB

Figure 2.4-1



## Chapter3 Quick Reference

### 3.1 Slave Configuration

Before running the Slave, user needs to set Slave Configuration.

1. Double click the “SlaveConfig” icon, you can change “Slave” configuration.
2. In **Network** page, user can change the port.
3. In **Password** page, user can change the password for Master.
4. In **Video** page, user can add local video files path into Master interface.
5. In **Application** page, user can add local applications path into Master interface.
6. In **Sensors** page, user can set Slave machine hardware info warning value.
7. In **Mode** page, user can set XRGB, YUY2 color setting.

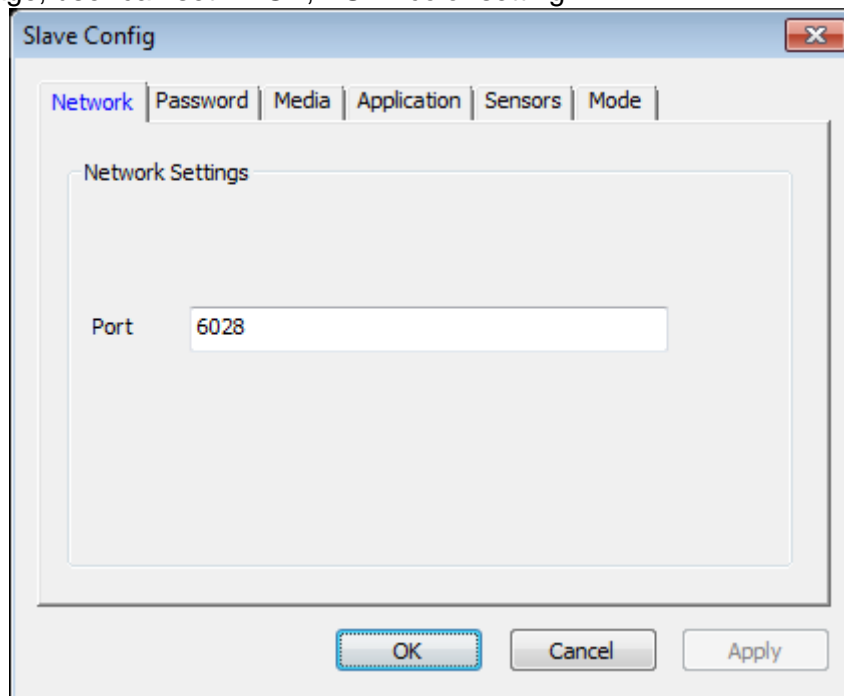


Figure 3.1-1

### 3.2 Launch Slave

Sentinel HASP Driver/License Key

Plug the USB license key into Slave machine before running the Slave.



Figure 3.2-1

[Windows 7, Service Pack 1] A USB driver for the license key must be installed if your operating system is Windows 7. The driver is included in the PRO S3 MaxWall software installation package and will be installed with PRO S3 MaxWall.

The USB license key must remain plugged into a USB port during the process of running Client. If the license key is not present when client is launched, the following dialog will appear:

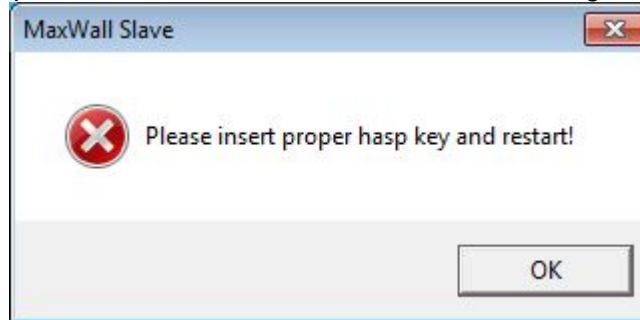


Figure 3.2-2

After completing the settings, double-click the Slave icon on desktop.

**Note:** You must restart the Slave after changing the Slave Configuration.

### 3.3 Server Configuration

Double-Click ServerConfig icon on machine2 desktop, user can change Server Config.

1. In **Network** page, user can change the port for Master.
2. In **Password** page, user can change the password for Master.
3. In **Slave** page, user can add or delete Slave and set Slave Layout position.
4. In **Matrix** page, user can use and edit matrix.
5. In **Source Group** page, user can create and edit Source Group.
6. In **Mode** page, user can choose Slave running mode on Slave machine.
7. In **Import/Export** page, user can import or export Slave and Server setting database for use.

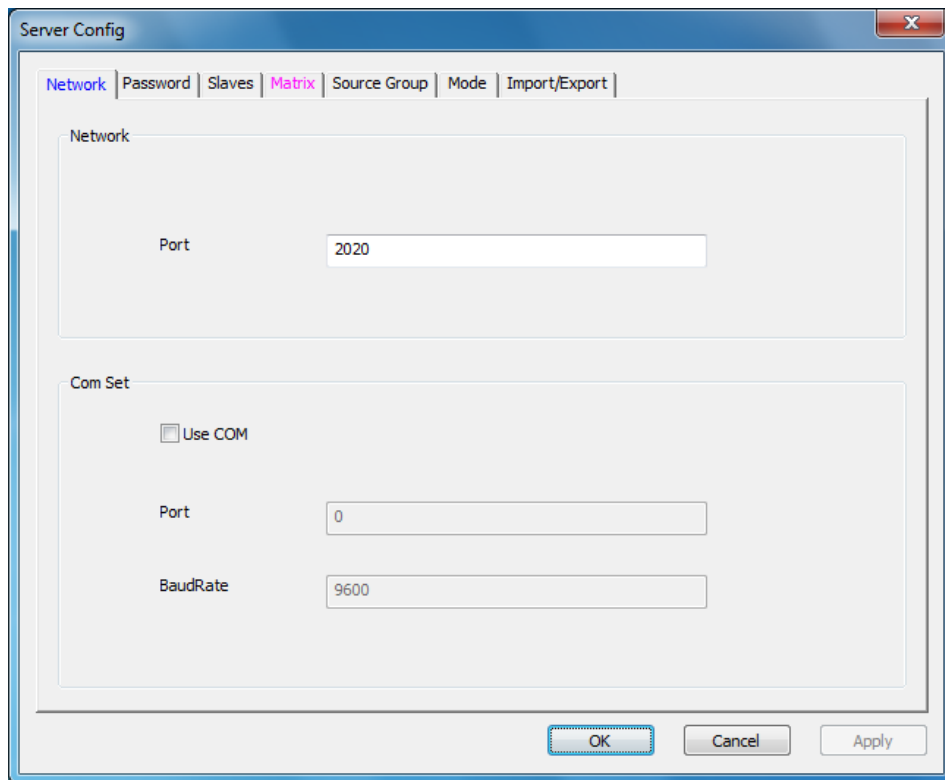


Figure 3.3-1

## 3.4 Launch Server

Double-Click Server icon on machine2 desktop to launch the Server.

## 3.5 Log in Master

Double-Click Master icon on desktop, input the password, address, port, and click the **OK** button to log in Master.

**Note:** The default settings are as follows:

Password: admin

Address: Slave server Computer IP

Port: 2020

Keep password: Remember the password for next time login

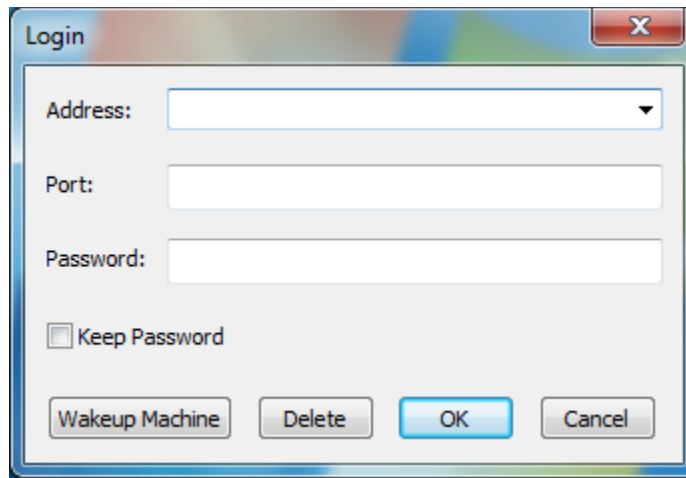


Figure 3.5-1

## 3.6 Create a new model

1. Select the Model page; click the “New model” button on the menu bar to create a new model.
2. Drag a source from the Source list into the model windows. Select the layer, drag the layer edge to change its sizes.
3. Click “Save model” button to save the current model.
4. Click ‘Run model’ button to publish the model to slave for playback.

## 3.7 Create a new plan

1. Select the Plan page; click the “New plan” button on the menu bar to create a new plan
2. Drag the model from the Model list into the Plan windows.
3. Right click model in plan windows, select “Adjust Item” to change its duration time.
4. Click “Save Plan” button to save the current plan.

## 3.8 Release missions

1. Select the Mission page, drag a “model” or “plan” from the Model list or the Plan list into the left mission window.
2. Select and drag task in Mission window to change its duration time. Or, right click the task and select “Adjust Item” to change its duration time.
3. Click “Save mission” to save this schedule.
4. Click “Run mission” to run this schedule.

## 3.9 Message

1. Select ‘message’ section, click the menu of ‘Create message’ to make a new message.
2. Save and play the message, it will display on Slave(Videowall)

## 3.10 Options

1. Click Option page, it shows Slave properties, such as monitor resolution.
2. Double-click "Screen Grid column" and "Screen Grid Row", you can change their values.

## 3.11 Review the running task

1. Select Current page, it shows the content playing on Slave.
2. Left Current Task window shows running task, model window shows the task's model that is running on Slave.
3. Click "Send changes to Slave in realtime" button, you can edit the model that is currently running.
4. Click "Control Server Remotely", you can remotely control Slave-side by using a mouse & keyboard. Click "Esc" to exit.

## Chapter4 Slave Feature Settings

### 4.1 Slave Configuration

Double-click SlaveConfig icon on desktop.

#### 4.1.1 Slave Port Settings

Use this setting to change Slave and Server communication Port. Default Port: 6028.

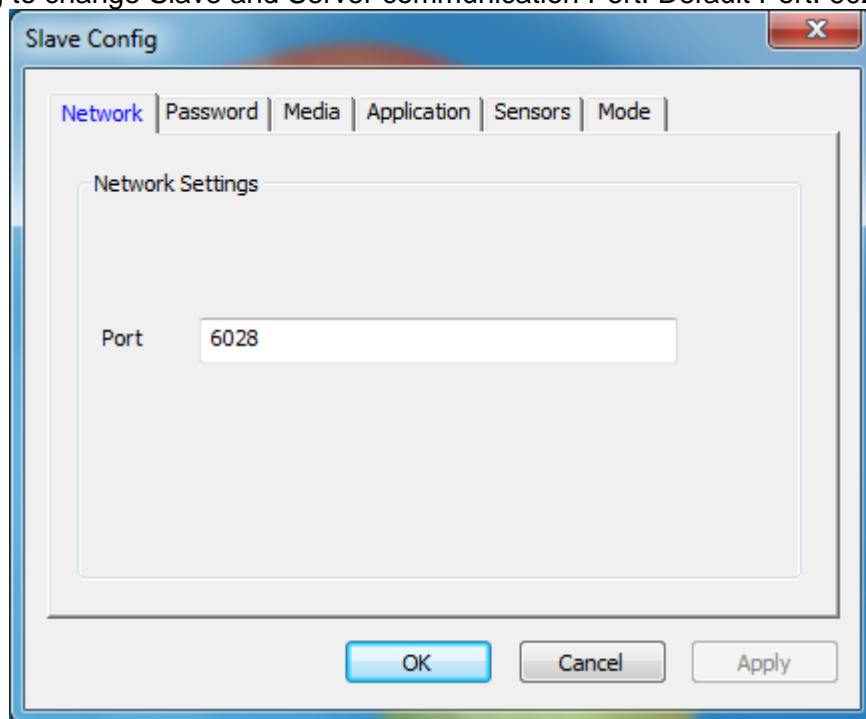


Figure 4.1-1

User can customize the port, the modified port will be saved and kept for future use.

#### 4.1.2 Change Passwords

In **Network** page, set Slave passwords. Default Password: Admin.

**Note:** keep passwords in Slave-side.

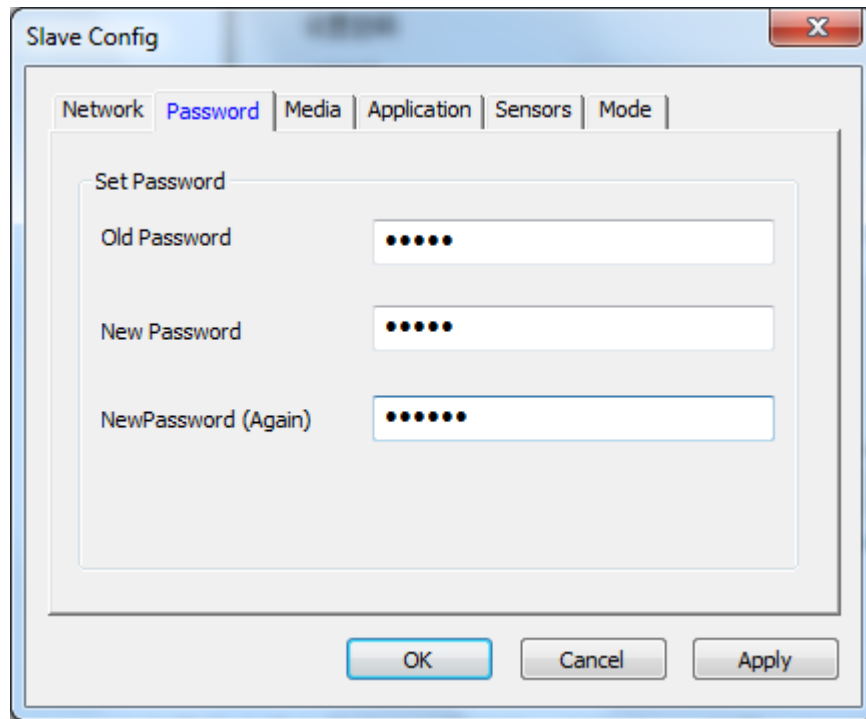


Figure 4.1-2

#### 4.1.3 Add Media

In **Media** page, user can set the media upload path, this path will be shown in Master page as media source. User can set it as sharing to Master account, so that the master account can perform media upload accordingly.

Media page provides a background image setting, this background should be a picture or clip. Enable this function and the background will be stored there.

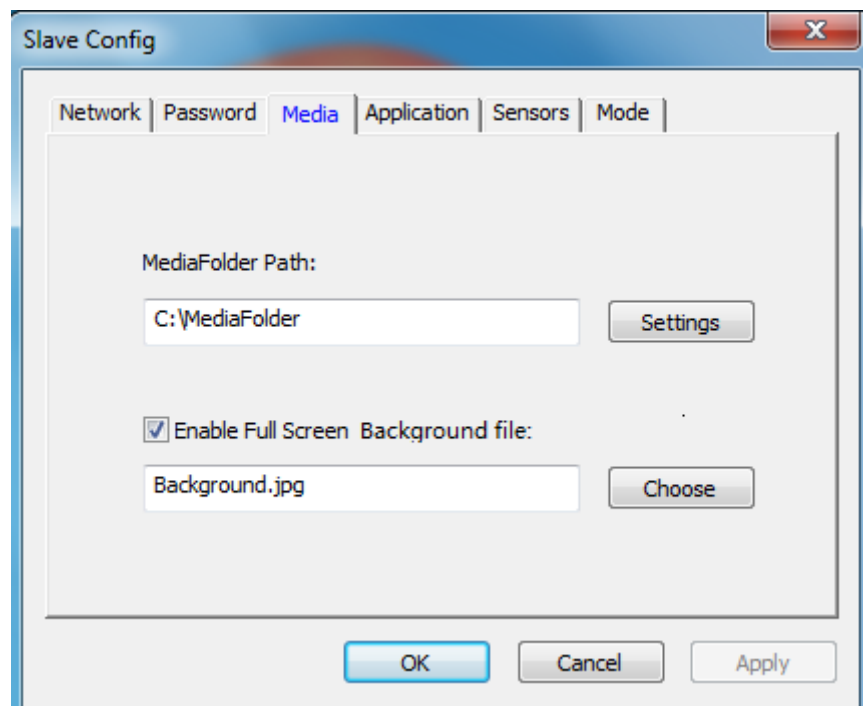


Figure 4.1-3



Figure 4.1-4

#### 4.1.4 Add Application

User can add local application. These files will be shown in the application folder of Master interface.

After adding or deleting the application path, you need to reload Slave on **Slave page** of **ServerConfig**, and then re-launch Slave.

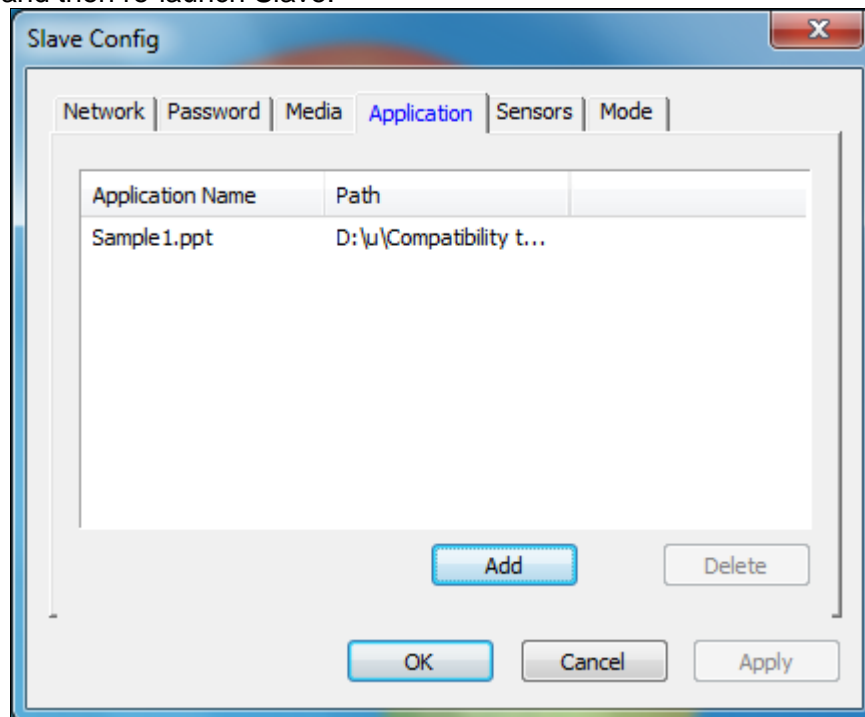


Figure 4.1-5

#### 4.1.5 Sensors

User can set hardware range's warning value for slave machine. If hardware range's warning value exceeds the limit during running the Slave machine, MaxWall will warn Slave and Master machines.



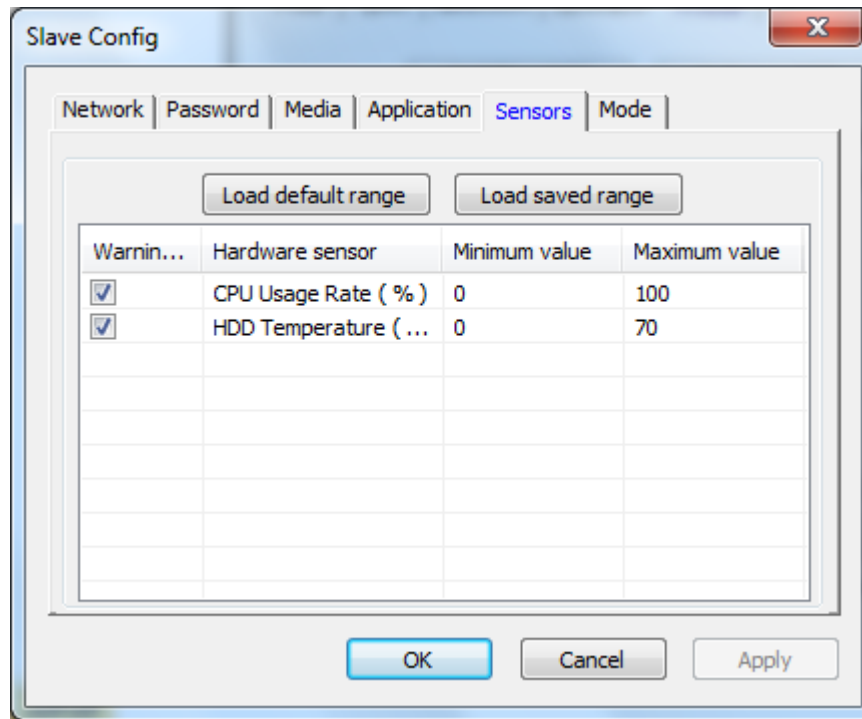


Figure 4.1-6

#### 4.1.6 Mode

Choose the color setting in Mode page, YUY2 is set as default value.

Decode:

Enable EVR: If a HW decode card is inserted, enable EVR can enhance your CPU performance.

VX11 HW Decode Count: Limits ViewZ Artigo serials HW decode quantity

Debug: For debug purpose only.

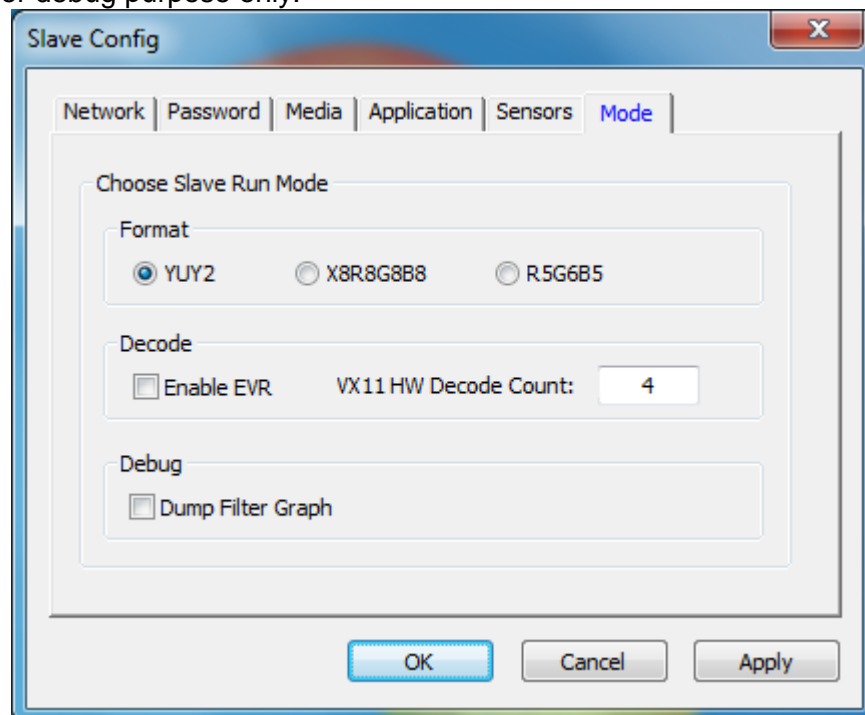


Figure 4.1-7

#### 4.1.6 Monitor

This section is for remotely control Slave monitors' on/off via COM ports.

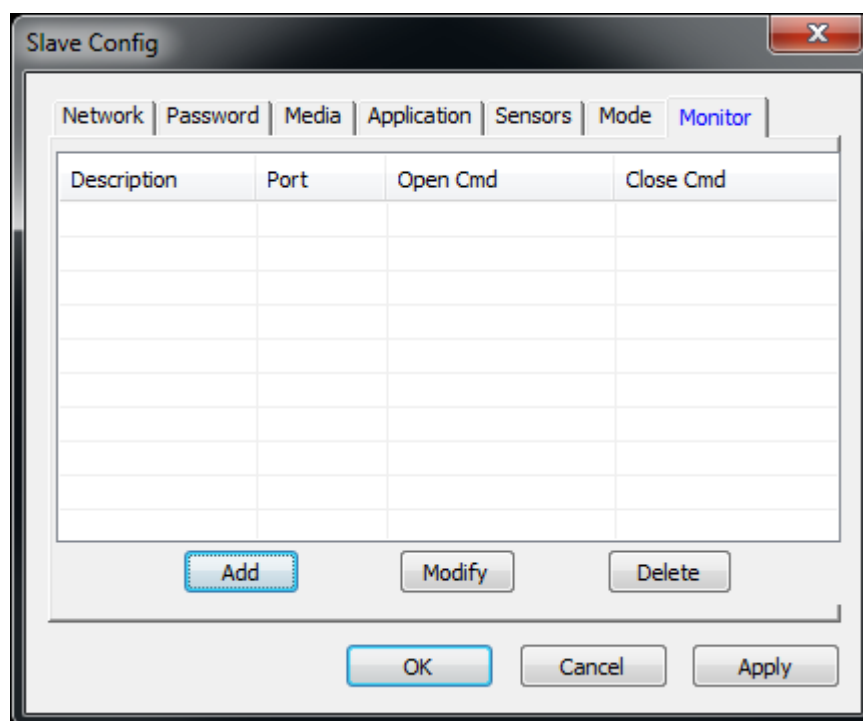


Figure 4.1-8

Add: Create a newly added COM setting, a window like 4.1-9 will be shown, COM Setting means master's COM port.

Command setting: Configure ON/OFF and set the times needed to implement in operations.

Modify: Modify the current settings

Delete: Remove the selected items

Description:

COM Setting

Port:  ☒ Text Mode

Baud Rate:  Parity:

Byte Size:  Stop Bits:

Command Setting

Turn On:

Turn Off:

Figure 4.1-9

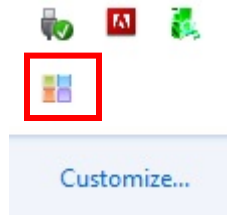
## 4.2 Launch Slave

Double-click Slave icon on desktop to start Slave server



Figure 4.2.1

After launching the Slave, the color server icon will appear in the notification area of the taskbar.



After the Slave is running, the icon appears in the notification area of the taskbar. When the Slave stops working, the icon color will change to grey. Move the mouse over Slave icon and tip information will show Slave status.

To stop Slave, right-click Slave icon in the notification area, as shown in the below dialog box.



Figure 4.2.2

<b>Start Slave</b>	Start Slave and re-play source
<b>Stop Slave</b>	Stop Slave
<b>Exit</b>	Exit Slave
<b>About PRO S3 MaxWall Slave</b>	Show PRO S3 MaxWall version and copyright

**Note:** When pressing **Esc** to exit from Slave player, Slave icon still appears in the notification area, user needs to launch Slave again to play media files.

## Chapter5 Server Feature Setting

### 5.1 Server Configuration

After installing the Server on Machine2, Server and ServerConfig icon will be shown on desktop. Double-click **ServerConfig** icon on desktop to start Server Config.



#### Slave Port Settings

User can change Master and Server communication Port in this page. Default Port: 2020.

**Com Set:** Open to configure the COM setting, controller Slave by COM. For detailed descriptions, please refer to Chapter 7.

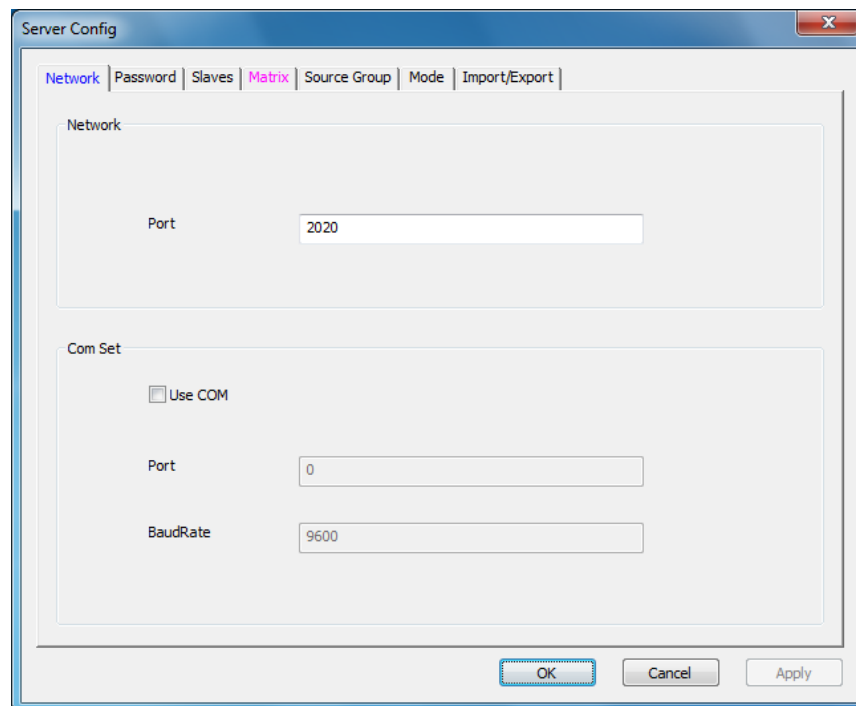
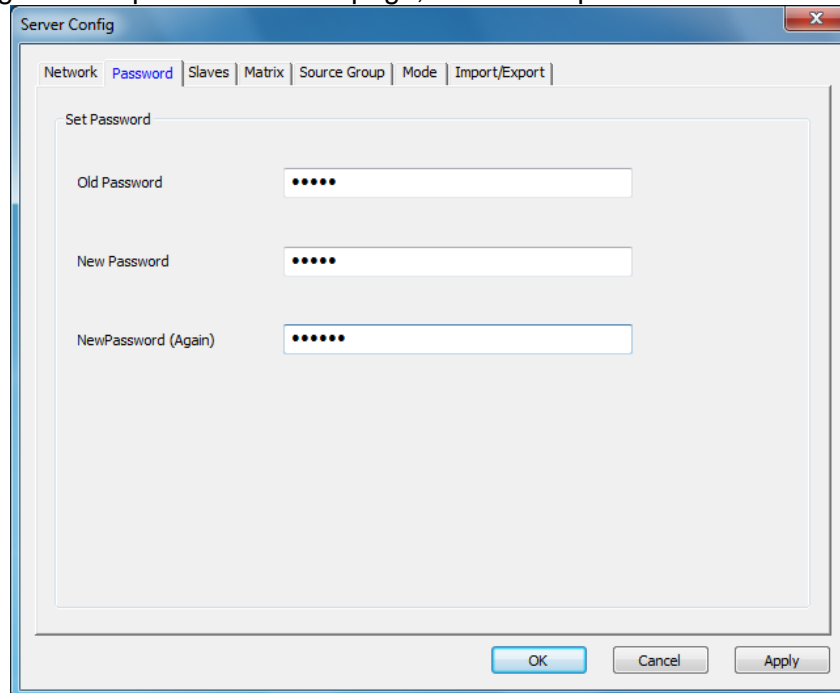


Figure 5.1-1

## Change Password

User can change Server password in this page, the default password is: **Admin**.



The image shows a 'Server Config' window with the 'Password' tab selected. The window has a title bar with a close button. Below the title bar is a tabbed interface with tabs for 'Network', 'Password', 'Slaves', 'Matrix', 'Source Group', 'Mode', and 'Import/Export'. The 'Password' tab is active, showing a 'Set Password' section with three text input fields: 'Old Password', 'New Password', and 'NewPassword (Again)'. Each field contains five dots, indicating a masked password. At the bottom of the window are three buttons: 'OK', 'Cancel', and 'Apply'.

Figure 5.1-2

## Add Slave

User can add one or more Slaves to Server in this page,

Password: Admin (user can change this password in SlaveConfig)

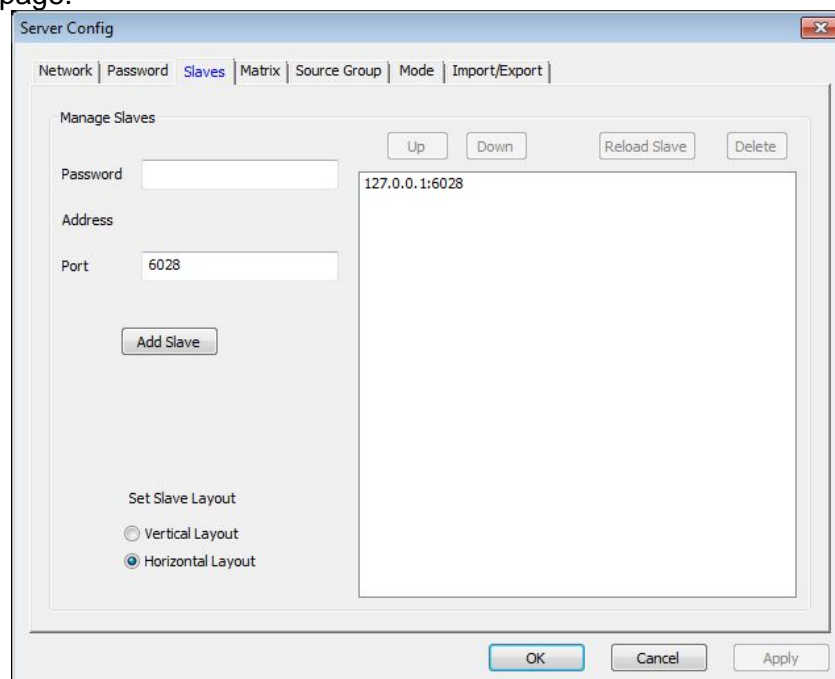
Address: Slave machine IP address

Port: 6028 (user can change this password in SlaveConfig)

Click **Add Slave** button to add Slave, user can add one or more Slaves.

## Set Slave Layout

User can set Slave Layout position on Slave machine, as well as select **Vertical** or **Horizontal** position in this page.



The image shows a 'Server Config' window with the 'Slaves' tab selected. The window has a title bar with a close button. Below the title bar is a tabbed interface with tabs for 'Network', 'Password', 'Slaves', 'Matrix', 'Source Group', 'Mode', and 'Import/Export'. The 'Slaves' tab is active, showing a 'Manage Slaves' section. On the left, there are input fields for 'Password', 'Address', and 'Port' (with '6028' entered). Below these is an 'Add Slave' button. On the right, there are buttons for 'Up', 'Down', 'Reload Slave', and 'Delete'. Below these buttons is a large text area containing the IP address '127.0.0.1:6028'. At the bottom of the window are three buttons: 'OK', 'Cancel', and 'Apply'.

Figure 5.1-3

## Matrix Setting

1. Select **Use Matrix**, select Matrix type and add it into Server.
2. Edit Matrix name.
3. Input Matrix **Input Size**, **output Size** and **Com**.
4. Click **Auto Config**, Server will automatically configure the Capture Source and Output Num.

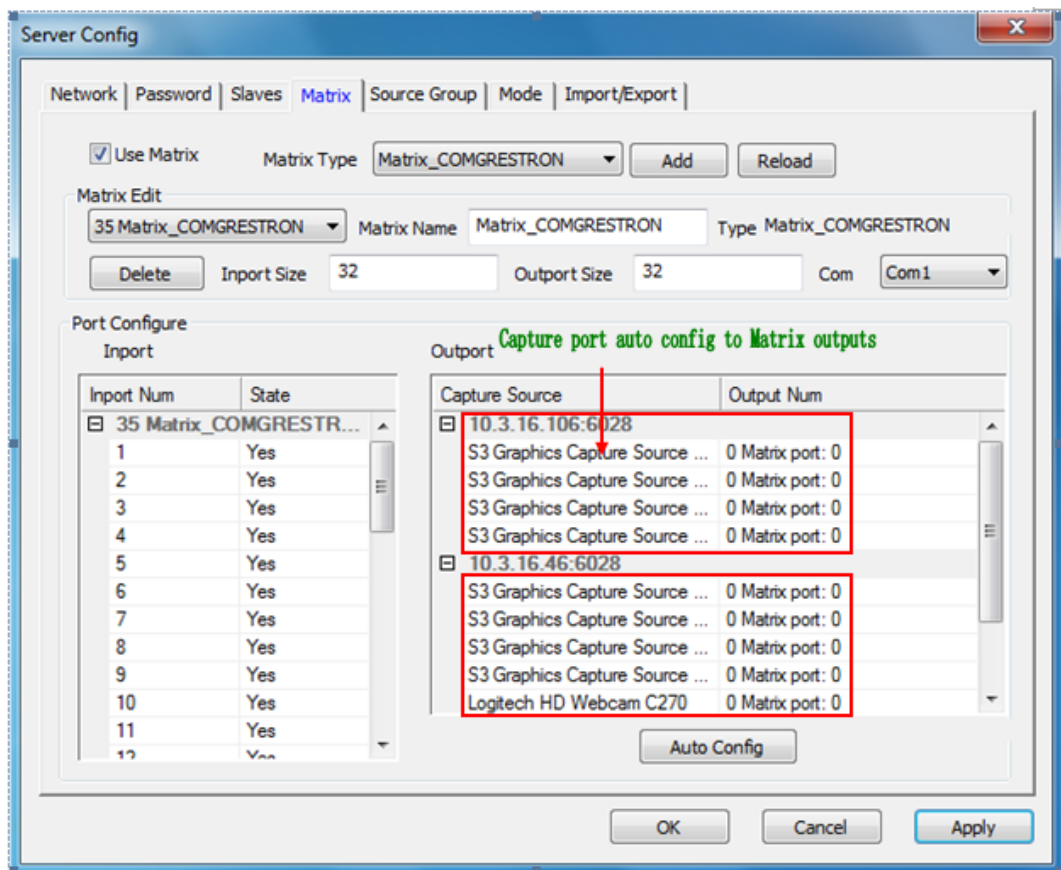


Figure 5.1-4

## Source Group

### Grouping and editing inputs

The screenshot shows the 'Server Config' dialog box with the 'Source Group' tab selected. The dialog has a title bar with a close button (X). Below the title bar is a tabbed interface with tabs for 'Network', 'Password', 'Slaves', 'Matrix', 'Source Group' (selected), 'Mode', and 'Import/Export'. The 'Source Group' tab contains several sections:

- Group List:** Includes 'Create' and 'Delete' buttons and a list box (currently empty).
- Group Name:** A text input field.
- Canvas Width:** A text input field with the value '0'.
- Canvas Height:** A text input field with the value '0'.
- Group Description:** A large text area.
- Source List:** A list box containing the following items:
  - 10.3.23.76
  - S3 Graphics Capture So...
  - S3 Graphics Capture So...
  - S3 Graphics Capture So...
  - S3 Graphics Capture So...There are '>>' and '<<' buttons between the Source List and the Group Editor.
- Group Editor:** A table with columns: Source, X(P..., Y(P..., Wi..., Hei..., LeftClip..., RightCli..., ToptCli..., and E. The table is currently empty.
- Save:** A button located at the bottom right of the main content area.

At the bottom of the dialog are three buttons: 'OK', 'Cancel', and 'Apply'.

Figure 5.1-5



Click **'Create'** button to make a new group name and write down the descriptions if needed.

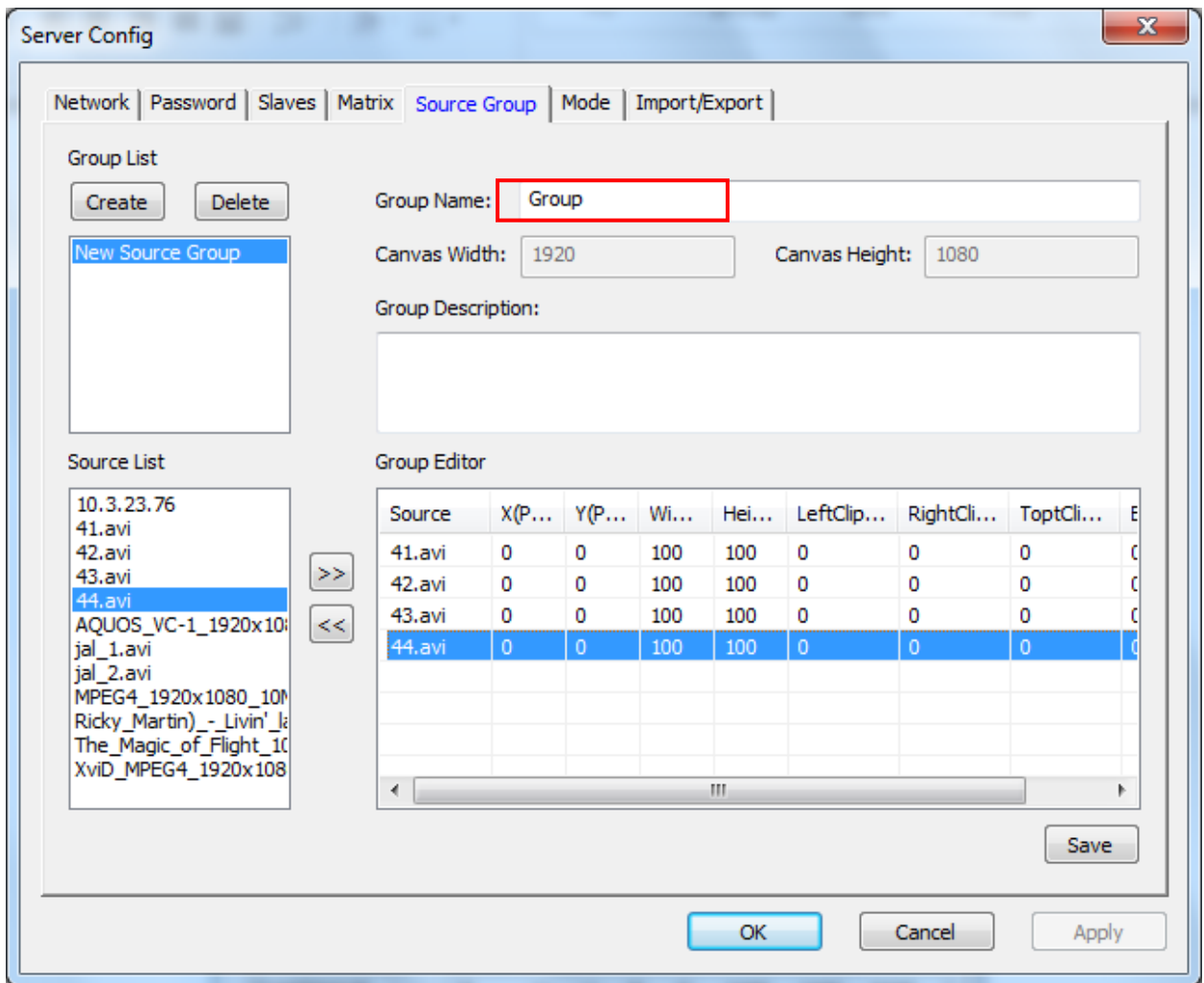


Figure 5.1-6

Select sources from the list and import them to right side, edit setting for each source such as: Pixels, positions, cut edges.

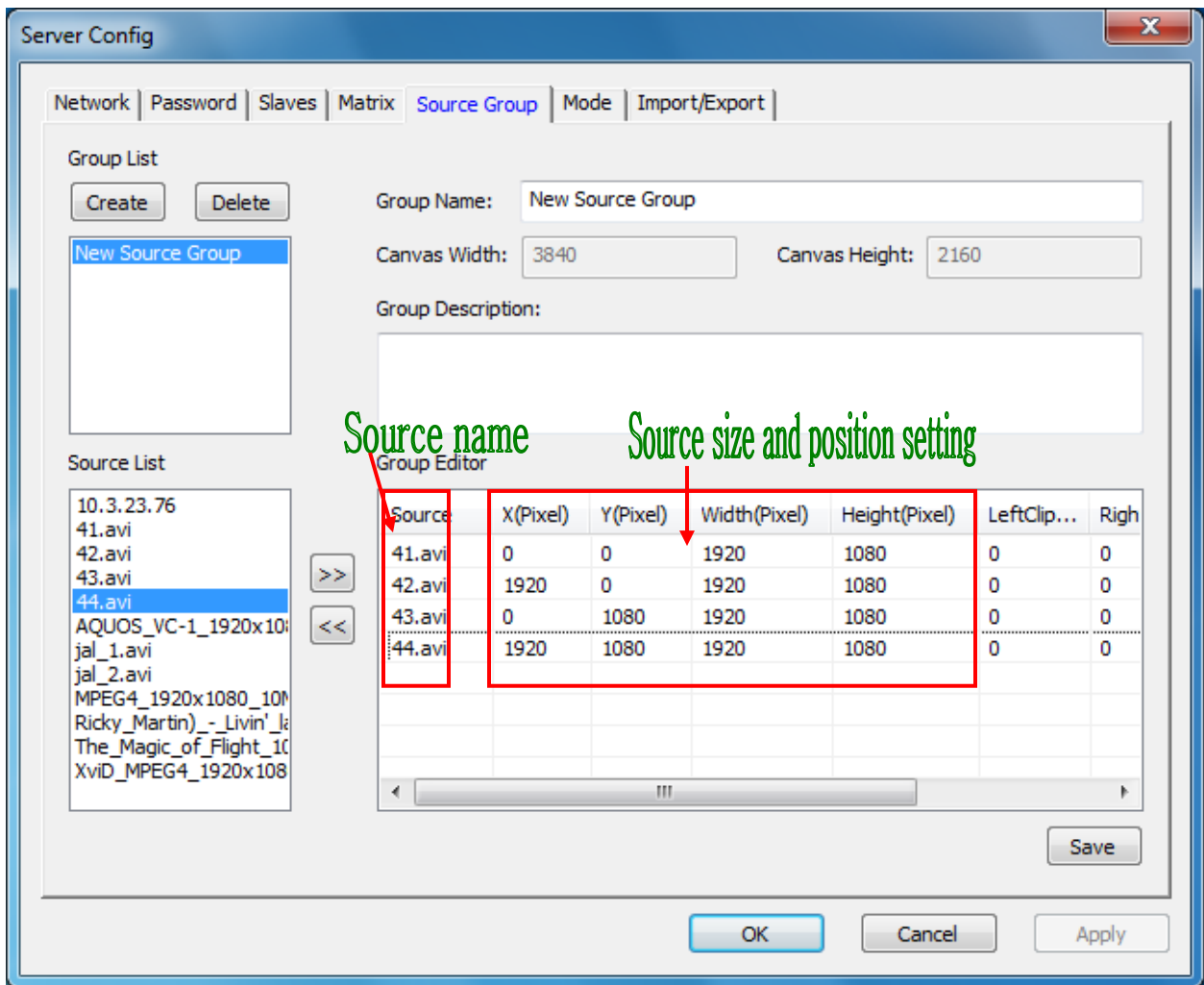


Figure 5.1-7

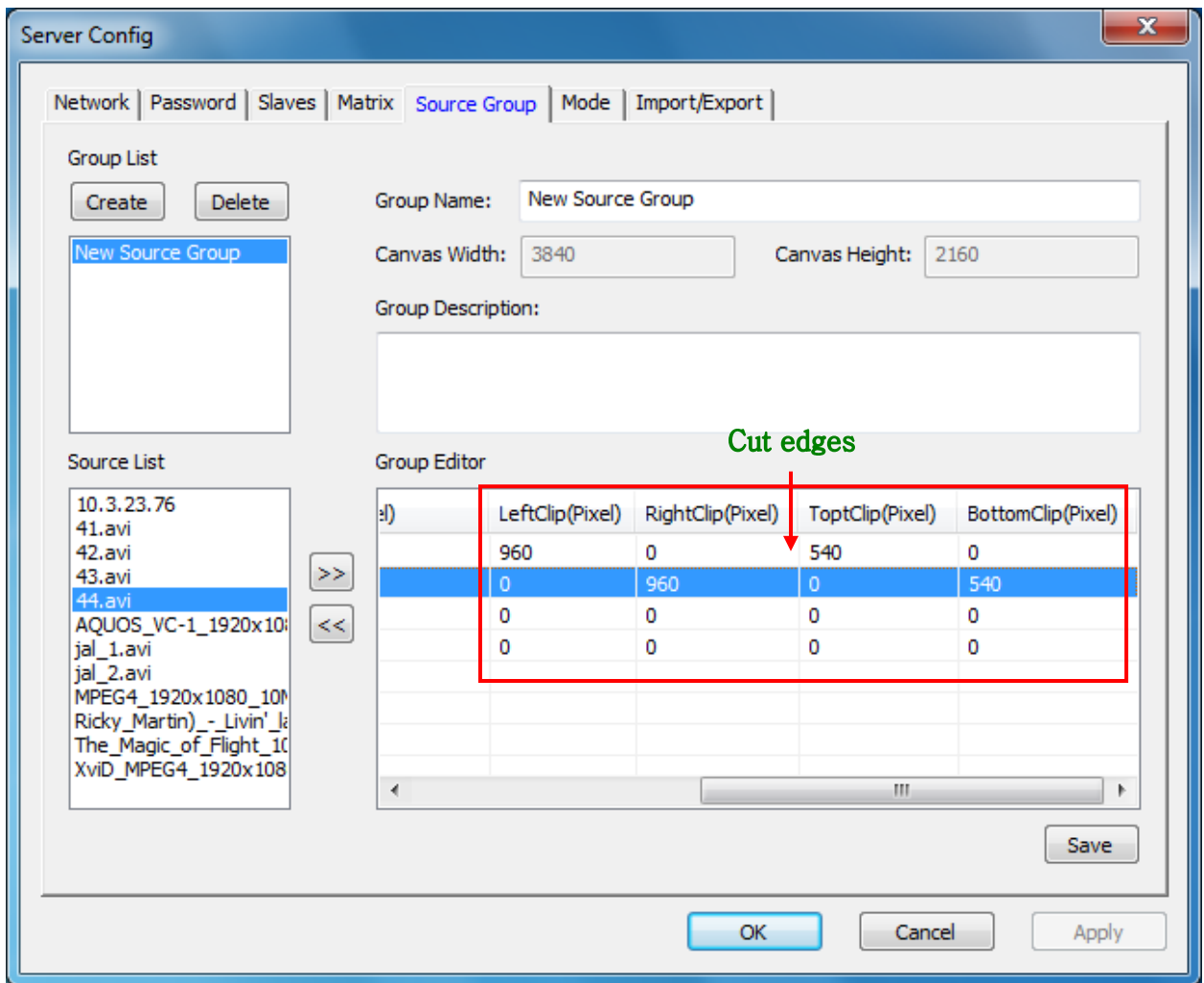


Figure 5.1-8

**Super large video grouping**

If customer needs to playback super resolutions video, simply split the video to several videos, group them by position and slave can combine them to one. This split and grouping will not sacrifice video quality, the frame timing difference between grouping videos will be less than 16ms.

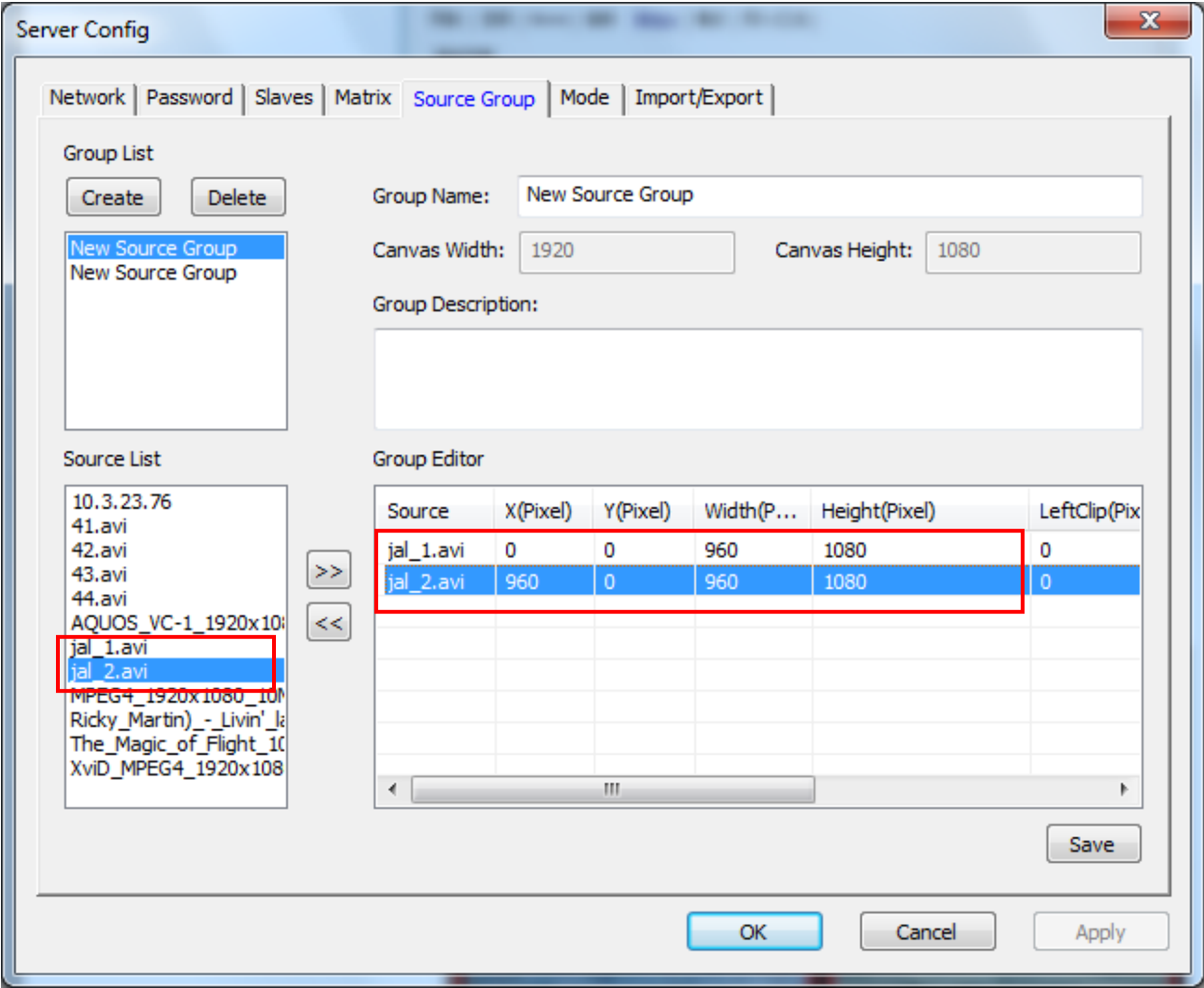


Figure 5.1-9



Figure 5.1-10

## Mode

User can choose from Slave running Mode, Window Mode and Full Screen Mode.

**Window Mode:** Content running as window mode on Slave computer, user can drag by mouse to change window sizes.

**FullScreen:** Content running as Full Screen mode on Slave computer. Click “Esc” key to exit from player and stop Slave Server. Meanwhile user can set fade in and fade out effects, longest time of the effect is 5000ms.

**Maximum Number of Webpage In a Slave:** The maximum number to play webpages in a slave for performance concern.

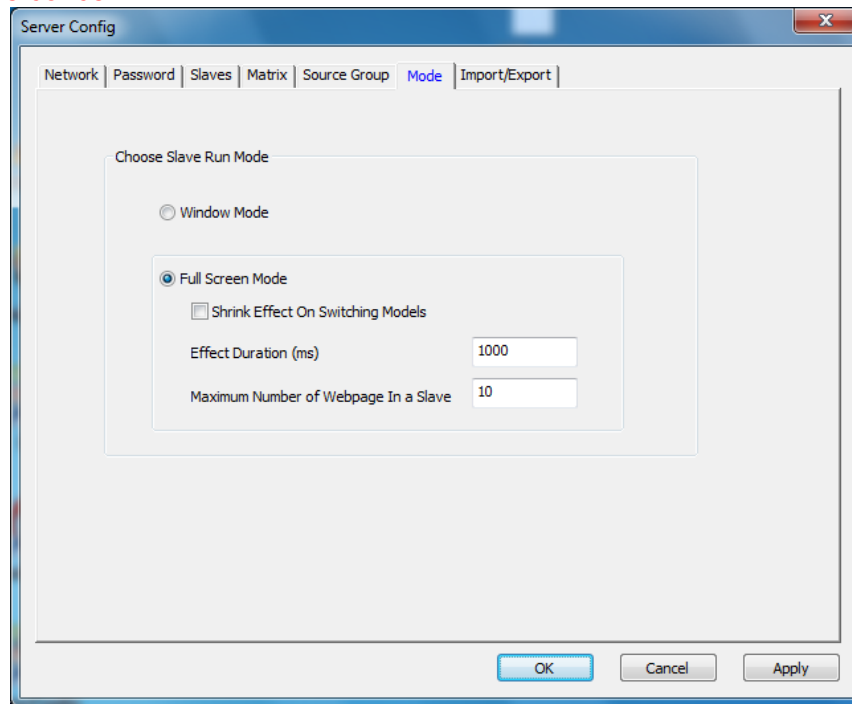


Figure 5.1-11

## Import/Export

1. Click **Export** to export database of Slave and Server configuration
2. Click **Import** to import database file that have been saved, this function can reduce time to configure the SlaveConfig and ServerConfig.

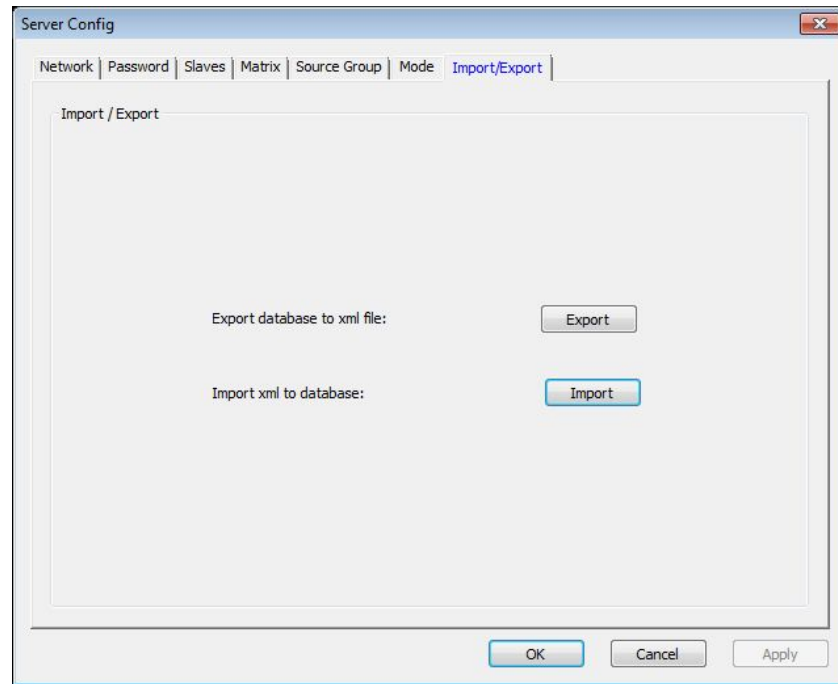


Figure 5.1-12

## 5.2 Launch the Server

Double-click Server icon on desktop to start the Server



Figure 5.2-1

After launching the Server, the green server icon will appear on the notification area of the taskbar.

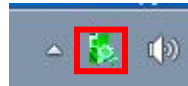


Figure 5.2-2

After the Server is running, the icon appears in the notification area of the taskbar. If the Server is running, the icon color changes to green. When the Server stops working, the icon color will change to grey. Move mouse over server icon, tip information will show Server status.

To stop the Server, right-click Server icon in the notification area, as shown in the below dialog box.



Figure 5.2-3

**Start Server**

**Stop Server**

**Exit**

**About PRO S3 MaxWall Server**

Start Server and re-connect Master

Stop Server

Exit Server

Show PRO S3 MaxWall Server version and copyright





## Chapter6 Master Feature Guide

Master is a standalone application and serves as the main user interface control of PRO S3 MaxWall.

### 6.1 Log In

Double-click the Master icon on desktop. Input the password, address and port information, click **OK** button to log in Master.

Click **Wakeup Machine** button. User can select wakeup Slave or Server Machine.

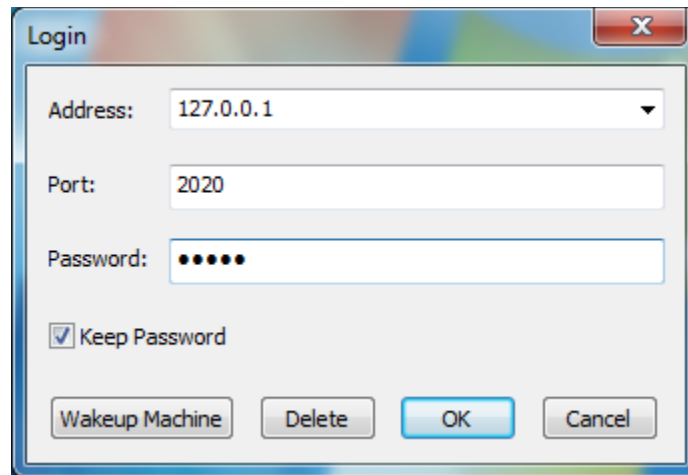


Figure 6.1-1

**Note** : The default settings are as follows:

Address: Slave Machine IP

Port: 2020

Password: Admin (user can change this password on ServerConfig)

Master interface includes five pages: Current, Model, Plan, Mission and Option.

**Current** page shows the running task on Slave machine. The running contents and layouts can be edited.

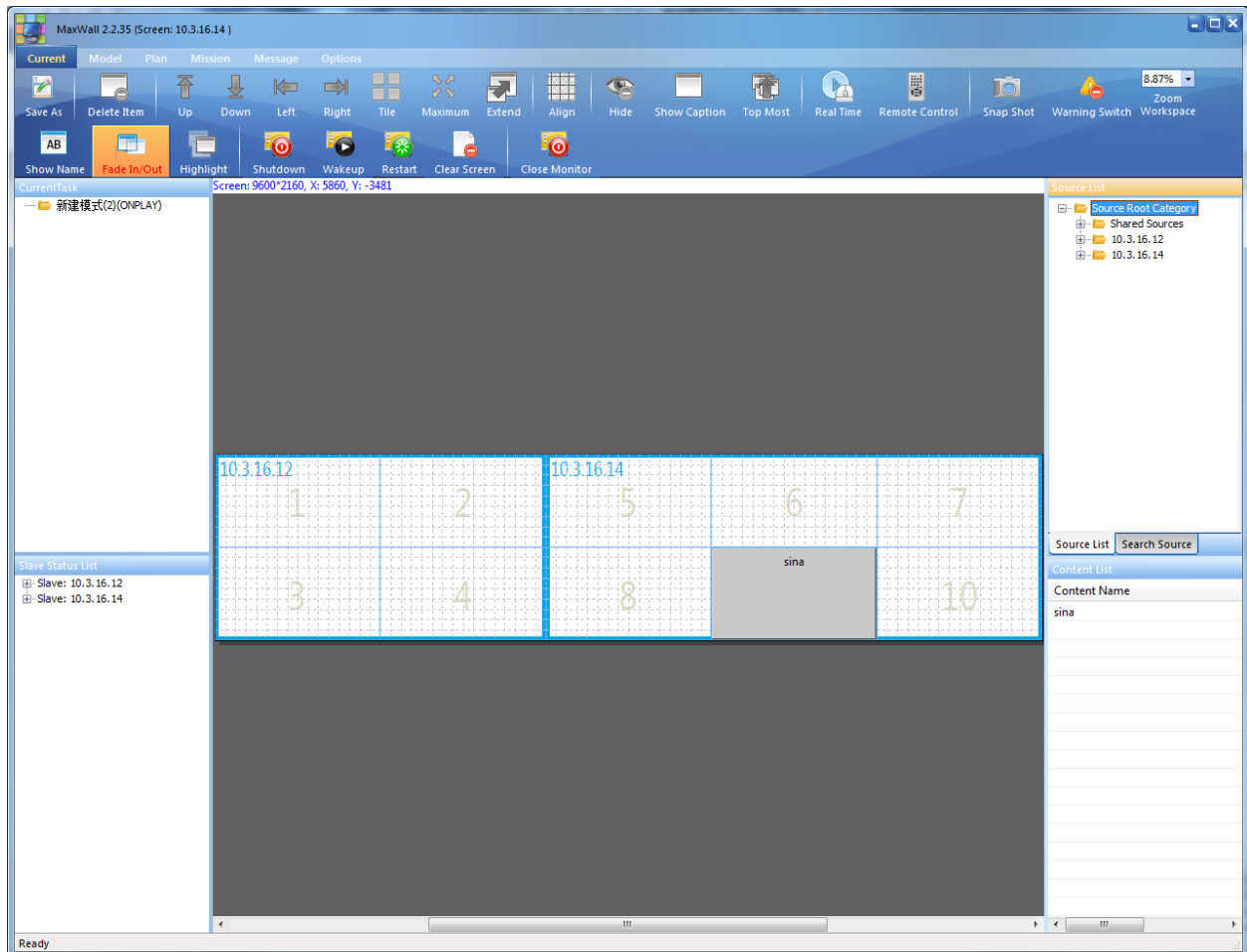


Figure 6.1-2

## 6.1.1 Tools Bar

### Full Screen Mode

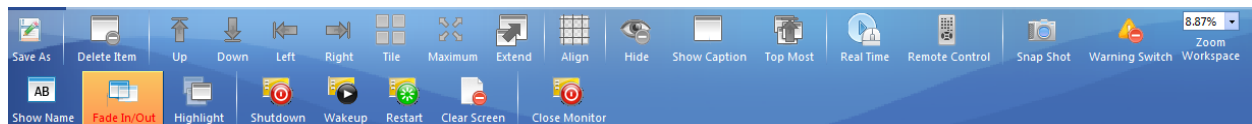


Figure 6.1-3

Save As

Save model with a new name

Delete Item

Remove the selected windows in Model

Up

Align content to the upper edge of the canvas

Down

Align content to the lower edge of the canvas

Left

Align content to the left edge of the canvas

Right

Align content to the right edge of the canvas

Tile	Arrange all the content windows in tile
Maximum	Maximum model
Extend	Extend content
Align	Align content to grid
Hide	Hide the selected objects, effective only under slave window mode (Available in Window mode only)
Show Caption	Show the captions of the program, like some flash embedded in IE, could hide the IE title (Available in Window mode only)
Top Most	the windows locate above (Available in Window mode only)
Real-time	Send the changes to Slave in real-time
Remote Control	Remotely control slave desktop by using master's mouse and keyboard (Available in Window mode only, cursor size will fit to display window size)
Snap Shot	Print Slave Screen
Warning Switch	Disable Hardware Warning
Zoom Workspace	Zoom workspace
Show Name	Show content name(Full screen mode only)
Fade In/Out	Enable fade in/out effect setting (Full screen mode only)
Highlight	Highlight the selected window, others will be blur (Full screen mode only)
Shut down	Remotely Shut down MaxWall Machine
Wakeup	Remotely Wakeup MaxWall Machine
Restart	Remotely restart the machine
Clear Screen	Stop current models, mission and all programs
Close Monitor	Close slave monitors (Available by using COM)

**Note:** Some buttons can only be used during realtime control.

### 6.1.2 Current Task List

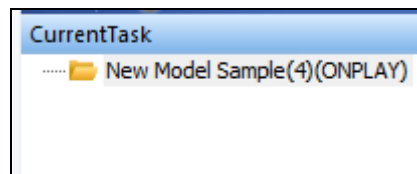


Figure 6.1-4

The Current Task list shows the plans or missions that will be running on Slave. When running on Slave-side, the model will be marked as “ONPLAY”.

Move the mouse cursor over the item in the task list to show the tip information.

### 6.1.3 Model Window

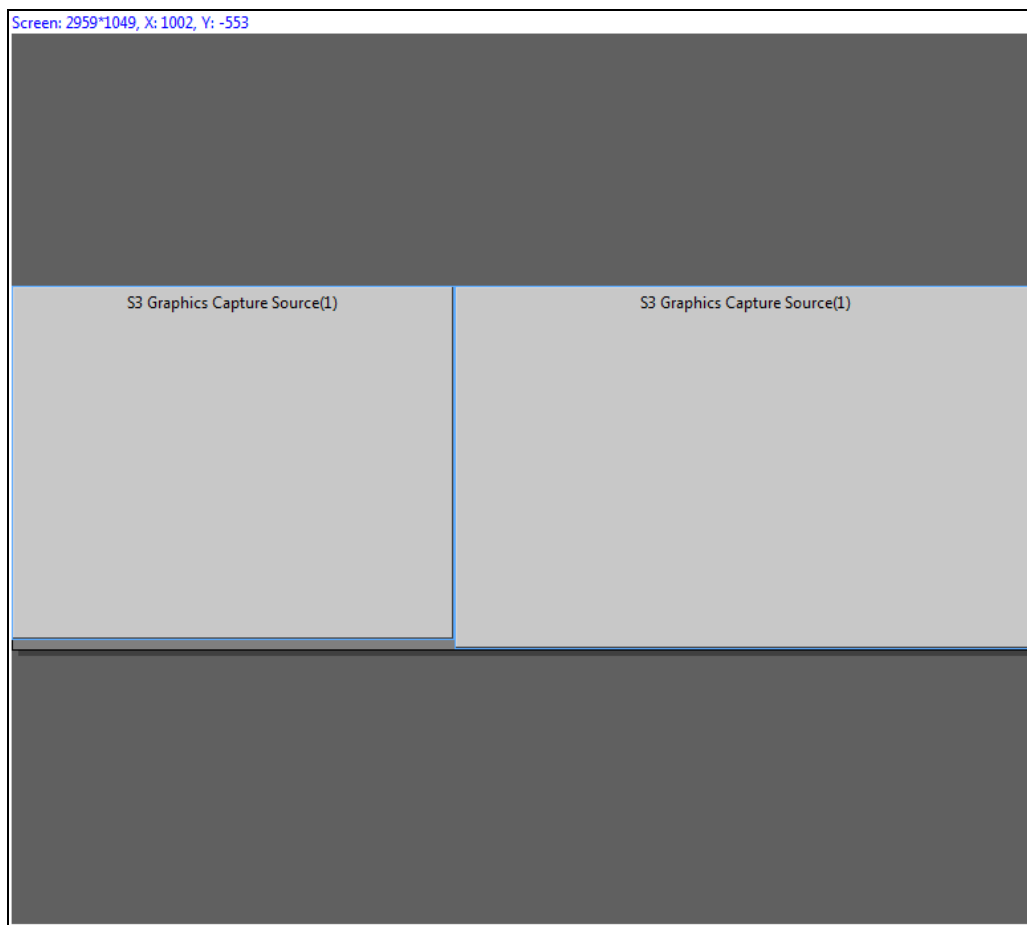


Figure 6.1-5

Model Window shows the model that is currently running on Slave-side, user can edit it in this window in real-time. Right-click the Source layer on model window, a dialog box will show as below:

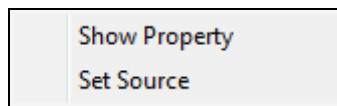


Figure 6.1-6

## Show Property

Selecting this option allows user to check the content information.

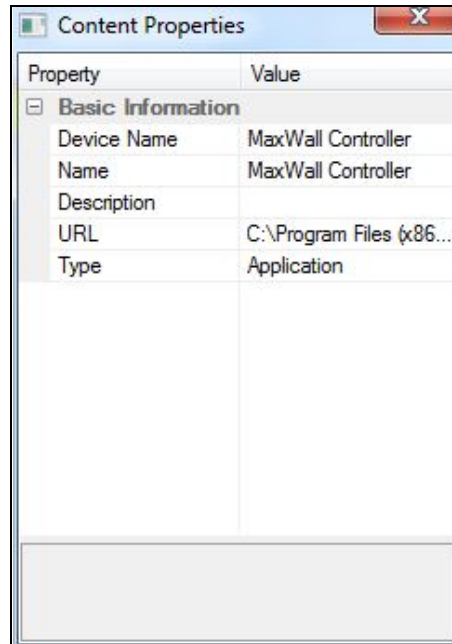


Figure 6.1-7

## Set Source

These settings allow user to change the Source properties.

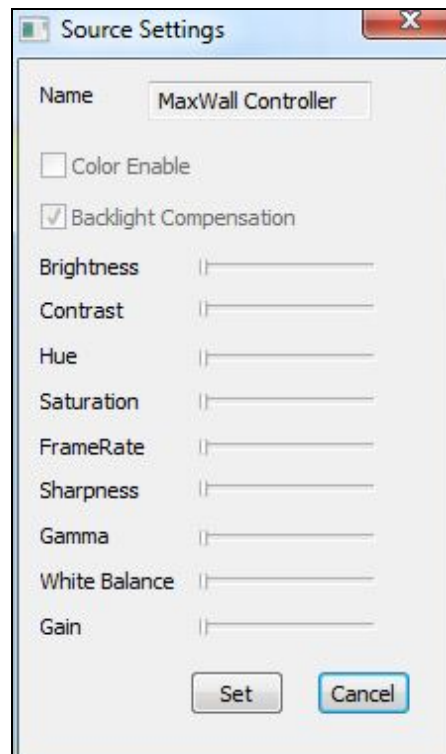


Figure 6.1-8

### 6.1.4 Source List

Source list shows all the sources on Slave. User can directly drag the source into model windows during realtime control.

#### Source

Slave machine provides video signal devices including Capture Card, IP Camera(Could preview in master), Video files, Image, Office(Available only in window mode, could do APP/OBJECTS remote upload),Transmitter ,Web Browser, DVR(Input IP address in case in our support list),Streaming(UDP,RTP,MMS,HTTP streaming)and APPS.

Search Source: Search the source in huge source list

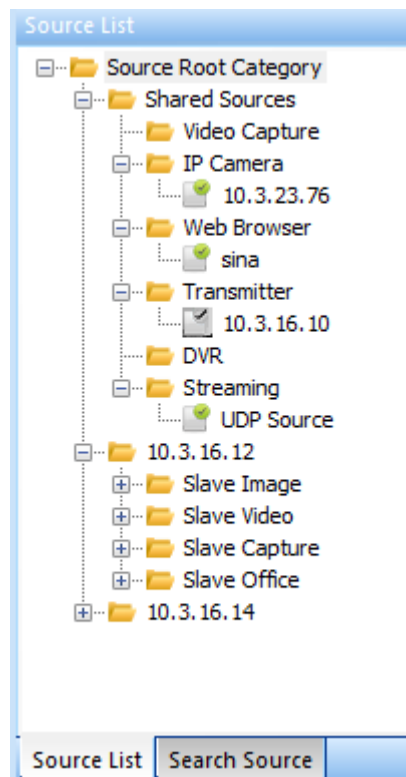
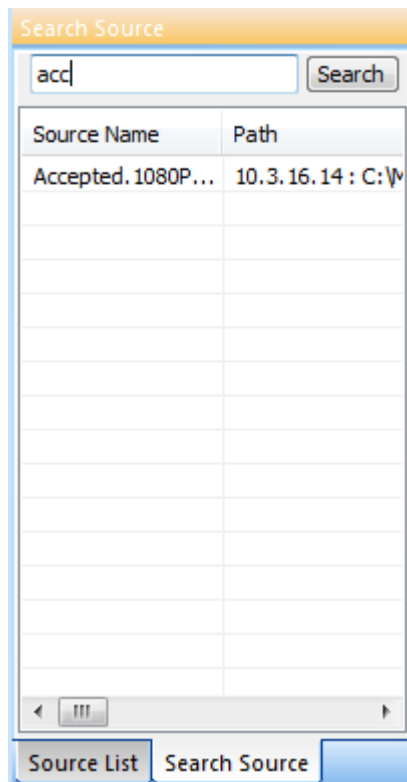
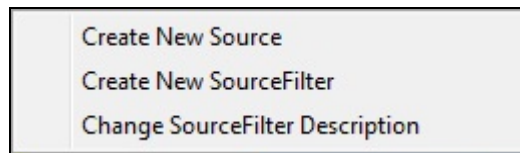


Figure 6.1-9



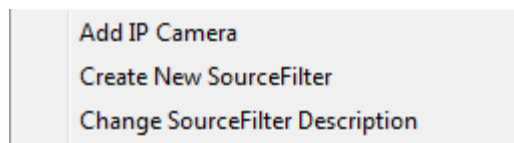
**Figure 6.1-10**

Right-click the folder in source list and a menu will appear as shown below:



**Figure 6.1-11**

Right click the IPC folder in source list:



**Figure 6.1-12**

## Add new IPC

Click **Probe Devices** to show the list of IPC in intranet. User can move them to source list.

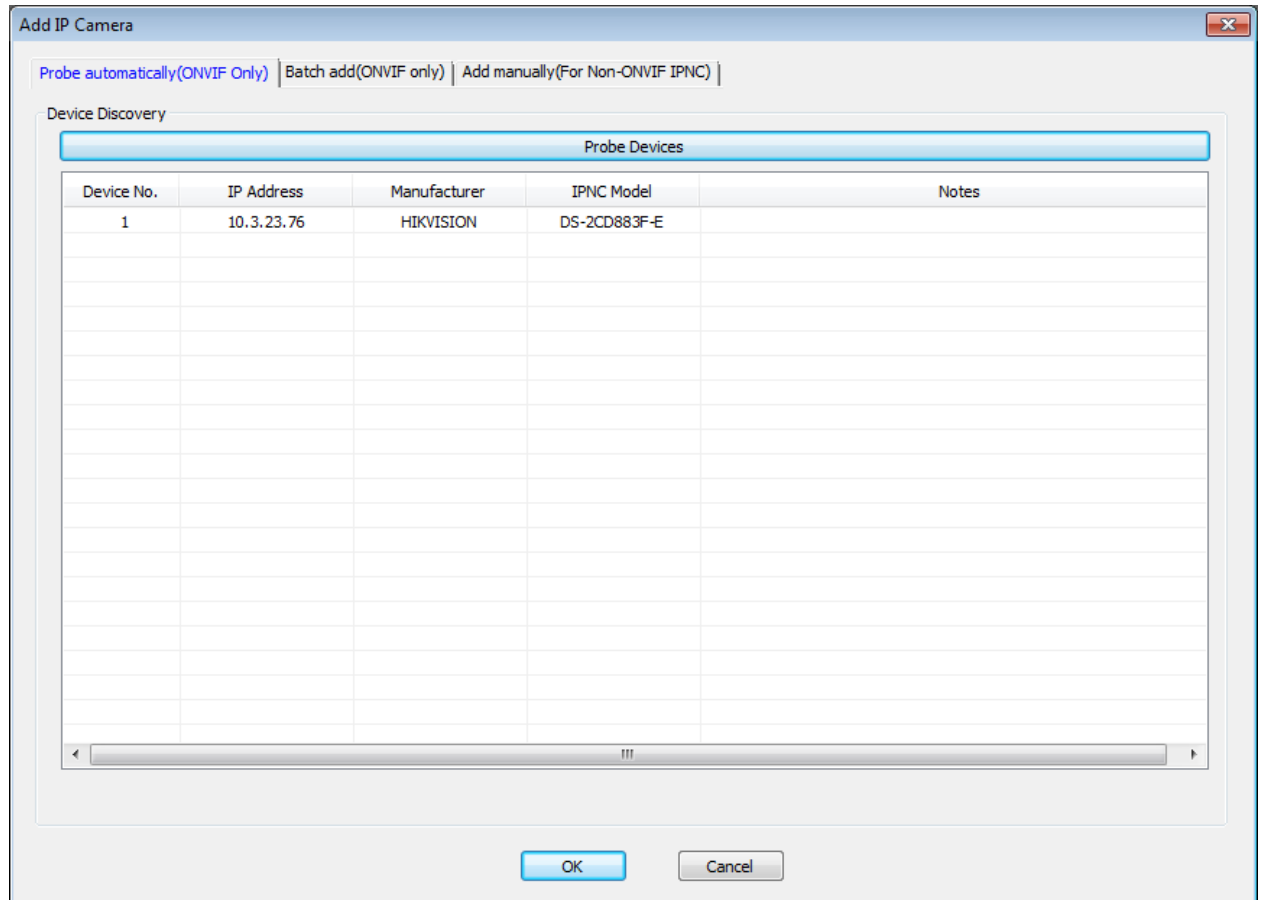


Figure 6.1-13

Right click IPC, user can preview in the submenu of master.



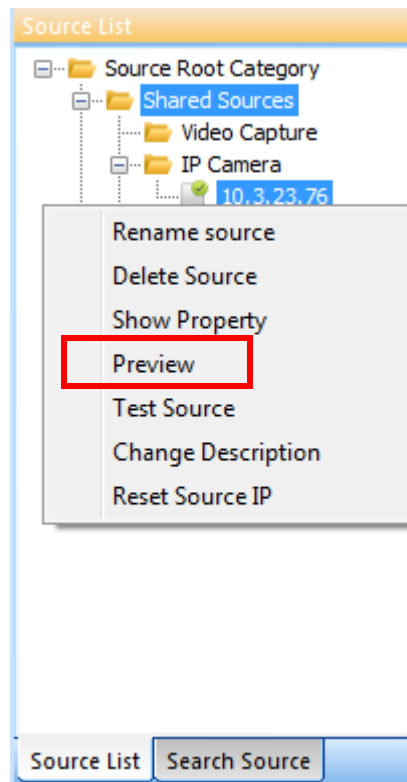


Figure 6.1-13

### Create a new source folder

Create a new folder under IPC

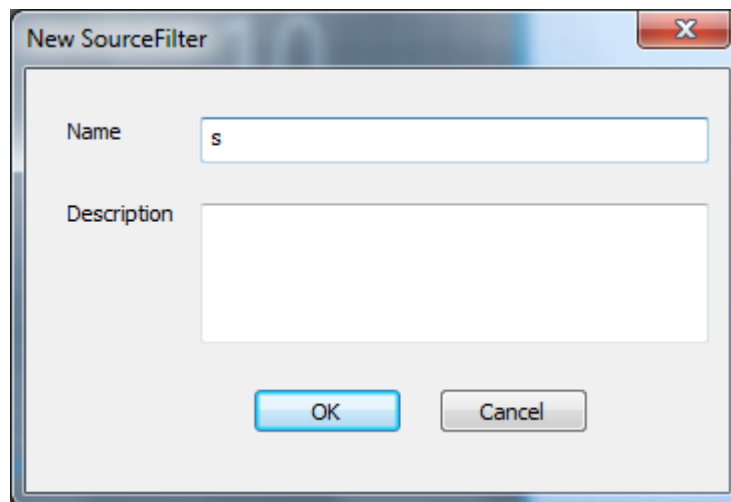


Figure 6.1-14

### Change the descriptions

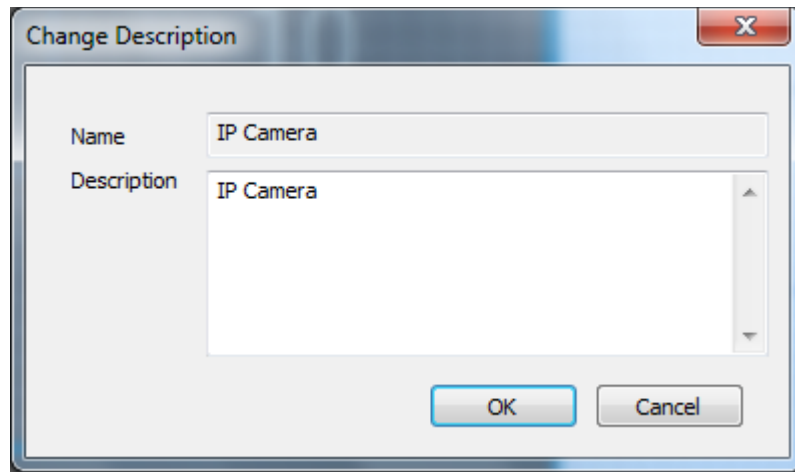


Figure 6.1-15

Right click **Web browser**:

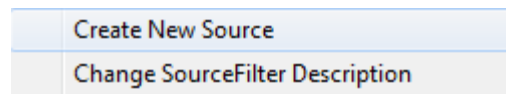


Figure 6.1-16

### Create a New Source

Create a new source; source name will appear in the chosen folder.

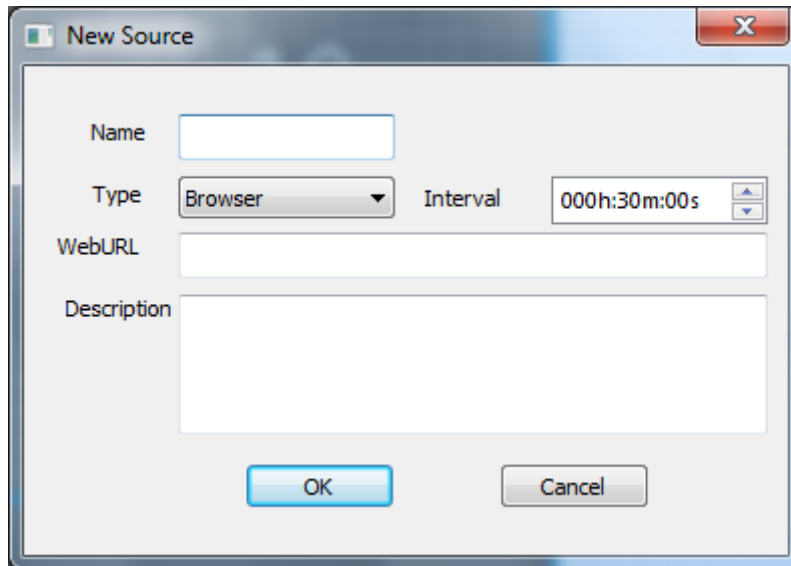
A dialog box titled "New Source" with a close button (X) in the top right corner. It contains four input fields: "Name" (a text box), "Type" (a pull-down menu currently showing "Browser"), "Interval" (a time selection box currently showing "000h:30m:00s"), and "WebURL" (a text box). Below these is a larger "Description" text area. At the bottom are "OK" and "Cancel" buttons.

Figure 6.1-17

1. Input the new source name.
2. Select the source type in pull-down menu.
3. Add description in Description Window.
4. Click OK button.

### Create a Source Filter

Create a new file in Source List.

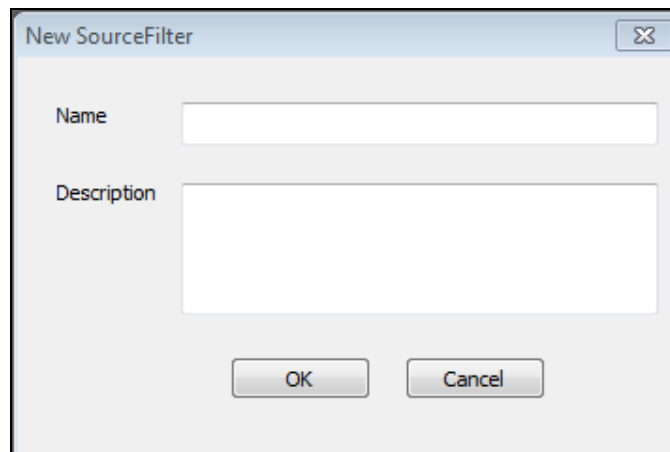
A dialog box titled "New SourceFilter" with a close button (X) in the top right corner. It contains two input fields: "Name" (a text box) and "Description" (a larger text area). At the bottom are "OK" and "Cancel" buttons.

Figure 6.1-18

## Change Source Filter Description

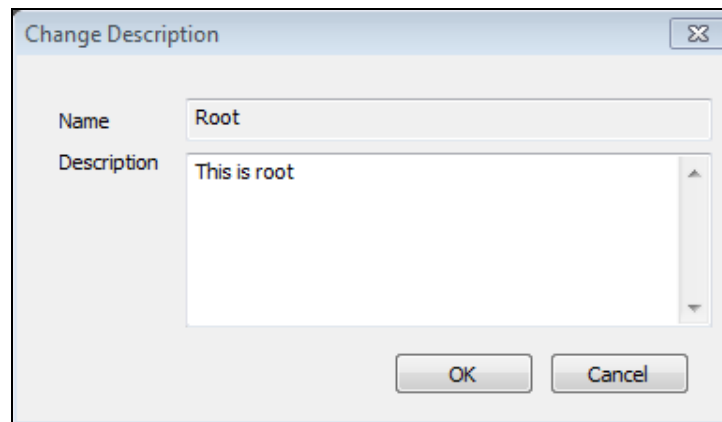


Figure 6.1-19

Right-click the source item in Source List, as shown in below menu:

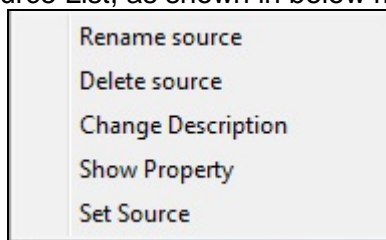


Figure 6.1-20

## Rename Source

Rename the source name.

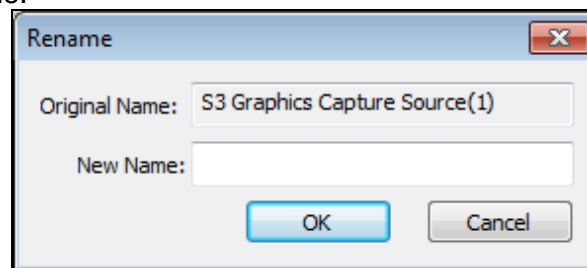


Figure 6.1-21

## Delete Source

Delete the selected source.

## Change Description

User can check and update the source description.

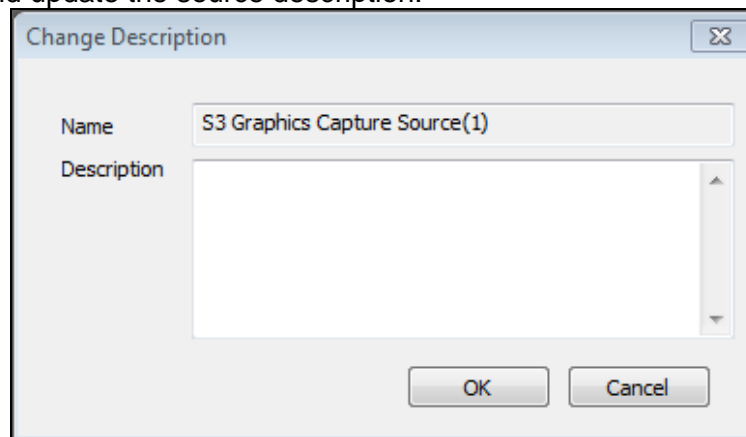


Figure 6.1-22

## Show Property

Click this option; open the dialog box as shown below to check base description.

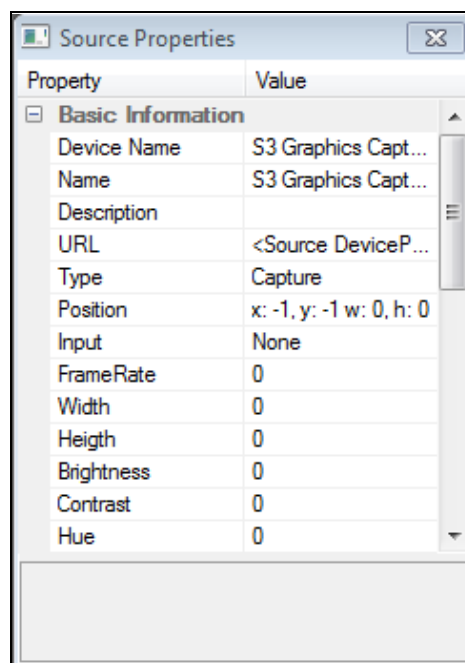


Figure 6.1-23

## Set Source

User can open this option to change source properties.

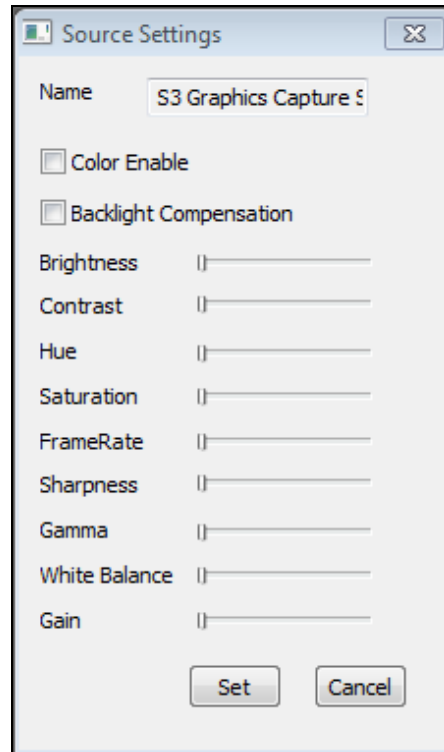


Figure 6.1-24

## 6.2 Model

Model consists of all sources.

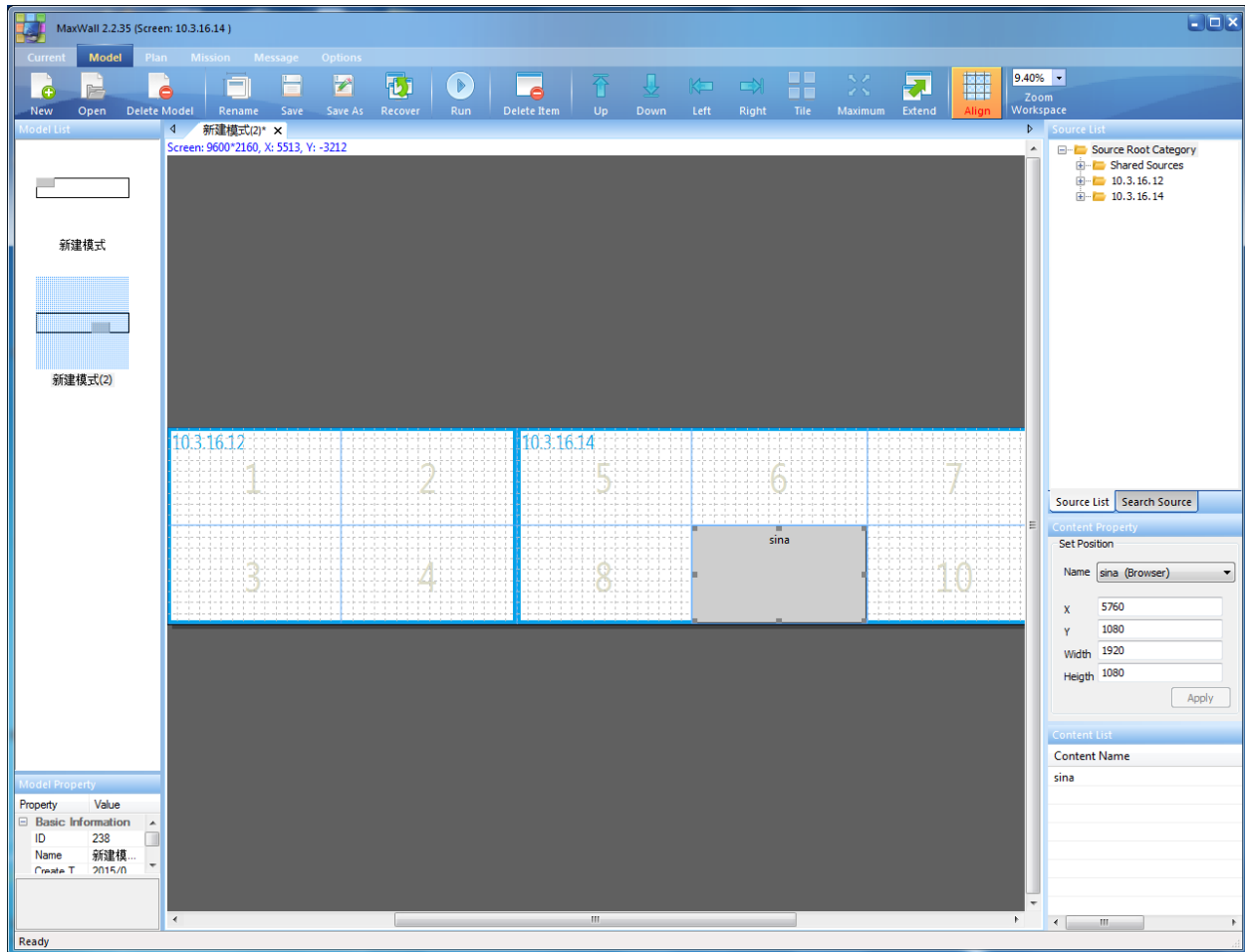


Figure 6.2-1

### 6.2.1 Tools Bar



Figure 6.2-2

<b>New</b>	Create a new model
<b>Open</b>	Open a model
<b>Delete model</b>	Delete a model
<b>Rename</b>	Rename a model
<b>Save</b>	Save a model
<b>Save as</b>	Save model as...
<b>Recover</b>	The setting will be recovered to the latest
<b>Run</b>	Run a model
<b>Delete Item</b>	Delete content in model window

<b>Up</b>	Align content to the upper edge of the canvas
<b>Down</b>	Align content to the lower edge of the canvas
<b>Left</b>	Align content to the left edge of the canvas
<b>Right</b>	Align content to the right edge of the canvas
<b>Tile</b>	Arrange all the content windows in tile
<b>Maximum</b>	Maximum model
<b>Extend</b>	Extend content
<b>Align</b>	Align content to grid
<b>Zoom Workspace</b>	Zoom workspace

### 6.2.2 Model List

Model List shows all the models in the server. Double-click the model to open the model window. Right click the model to appear the dialog box as shown below:

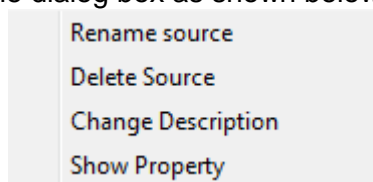


Figure 6.2-3

#### **Rename**

Rename the model name.

#### **Delete**

Delete a model.

#### **Change Description**

Check and update model description.

#### **Show Property**

Click this option to view model properties.

### 6.2.3 Source List

Source list shows all the sources on Slave-side. User can directly drag the source into model windows during realtime control.

User can refer to [6.1.4 Source List](#)



## 6.2.4 Model Pane

Model window is the main user interface for editing the model.

Create a new mode, the grid pane displays monitor's topology structure of Slave-side and the monitor's total resolution will be displayed in the upper edge of the pane mode.

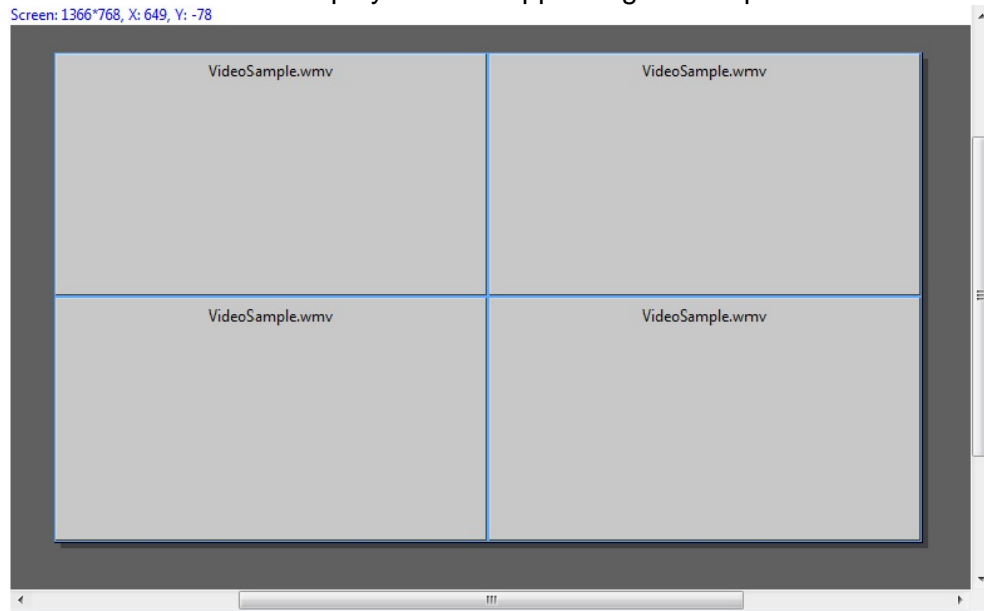


Figure 6.2-4

## 6.2.5 Model Property

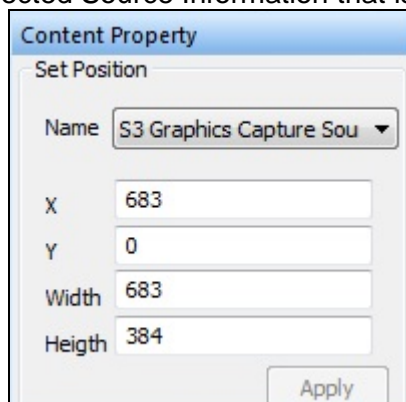
Model Property shows the Selected Model Information that is in the Model List.

Model Property	
Property	Value
Basic Information	
ID	238
Name	Model2
Create T...	2012/12/0...

Figure 6.2-5

## 6.2.6 Content Property

Content Property shows the Selected Source Information that is in the Source List.

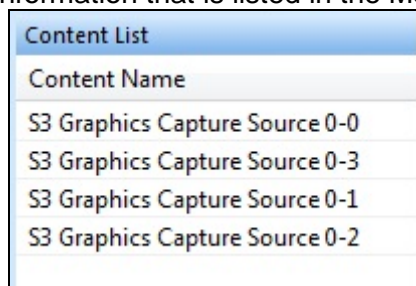


The 'Content Property' dialog box has a title bar 'Content Property' and a section 'Set Position'. It contains a 'Name' dropdown menu with the value 'S3 Graphics Capture Sou', and four input fields for 'X' (683), 'Y' (0), 'Width' (683), and 'Height' (384). An 'Apply' button is at the bottom right.

Figure 6.2-6

## 6.2.7 Content List

Content list shows the content information that is listed in the Model Window.



Content Name
S3 Graphics Capture Source 0-0
S3 Graphics Capture Source 0-3
S3 Graphics Capture Source 0-1
S3 Graphics Capture Source 0-2

Figure 6.2-7

## 6.3 Plan

Plan consists of models with a playback order and the duration of each layout. There can be no empty timeslots between the layouts.

**Note:** Model duration must be more than 10s.

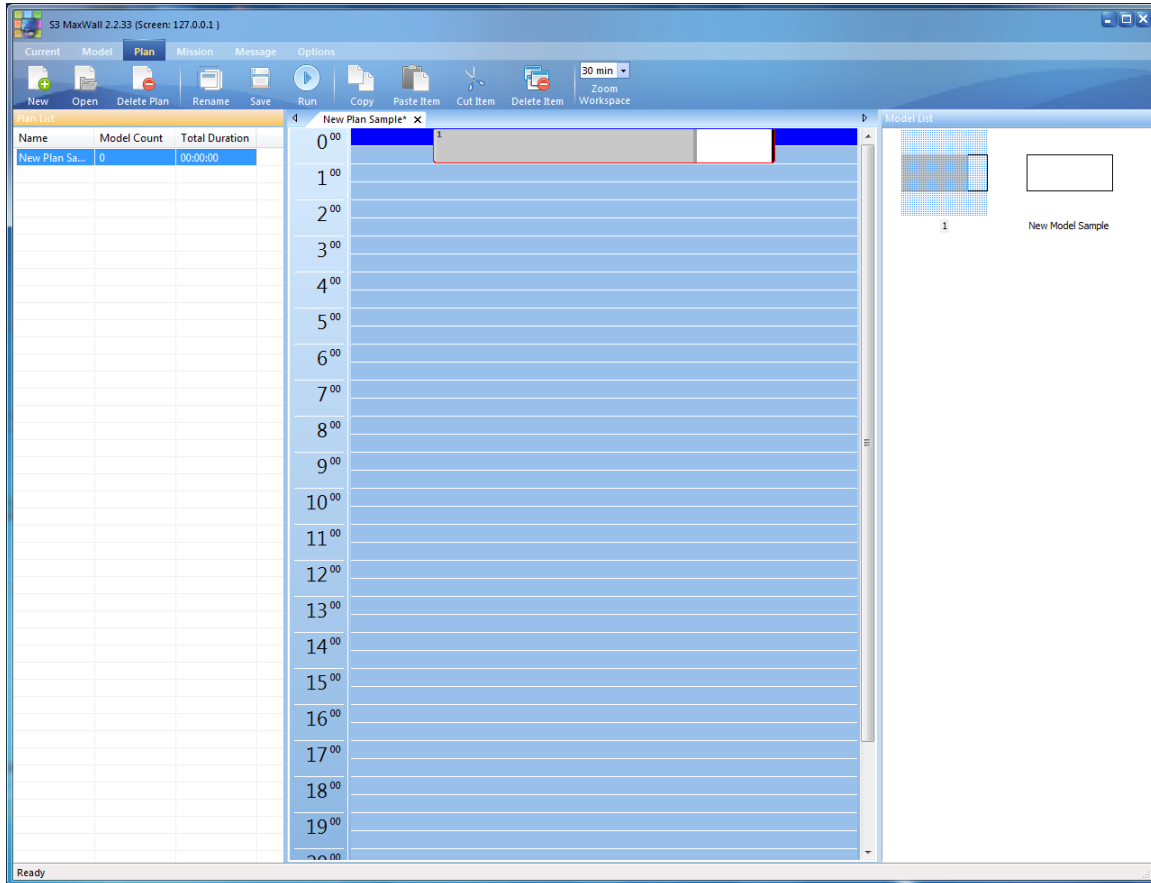


Figure 6.3-1

### 6.3.1 Tools Bar



Figure 6.3-2

<b>New</b>	Create a new plan
<b>Open</b>	Open a plan
<b>Delete Plan</b>	Delete a plan
<b>Rename</b>	Rename a plan
<b>Save</b>	Save a plan
<b>Run</b>	Run plan one time

<b>Copy</b>	Copy plan item
<b>Paste Item</b>	Paste plan item
<b>Cut Item</b>	Cut plan item
<b>Delete Item</b>	Delete plan item
<b>Zoom Workspace</b>	Zoom work space

### 6.3.2 Plan List

Plan List			
Name	Model Count	Total Duration	
111	1	16:25:30	
New Plan Sa...	0	00:00:00	

Figure 6.3-3

Plan List consists of all plans in Slave server. Double-click the plan to open it in the main window. Right-click a plan to appear the dialog box as shown below:

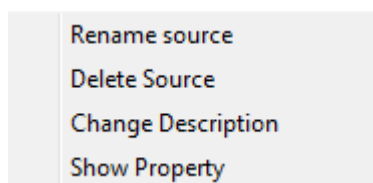


Figure 6.3-4

#### **Rename**

Change plan name

#### **Delete**

Delete the selected plan.

#### **Change Description**

Change the selected plan information.

#### **Show Property**

Clicking this option enables user to check the plan properties.

### 6.3.3 Plan Pane

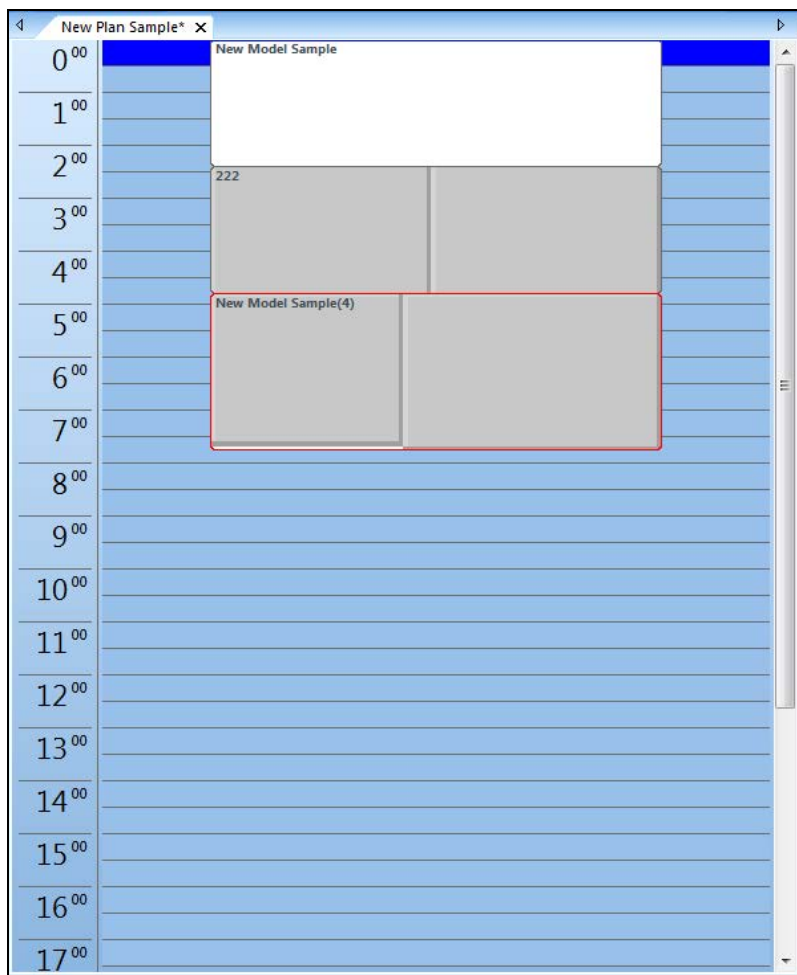


Figure 6.3-5

Plan window is the main user interface for editing the plan. It lists 24hours, user can drag model from model list into plan window, and drag plan's bottom edge to adjust playback duration time. User can open several plans to edit at the same time. Right-click the model in plan window to appear the dialog box as shown below:

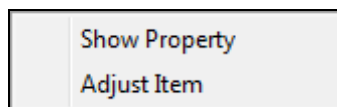


Figure 6.3-6

#### Show Property

Click this option to view the model properties.

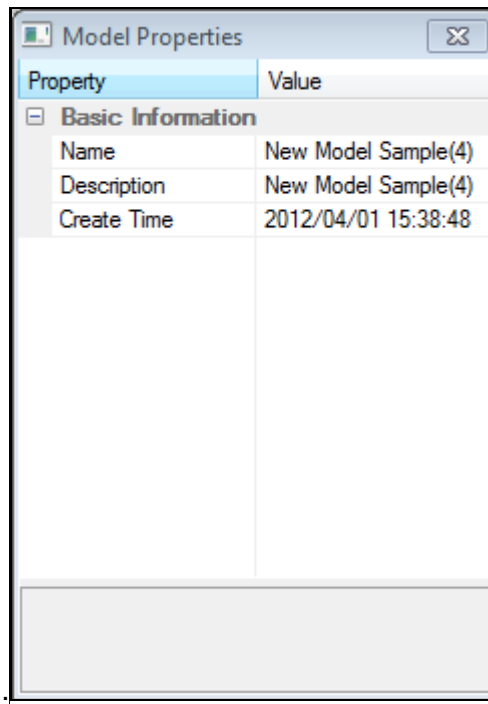


Figure 6.3-7

### Adjust Item

Change the model duration time.

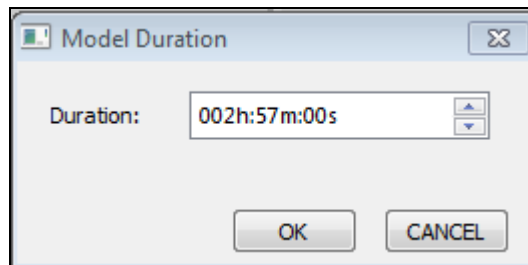


Figure 6.3-8

### 6.3.4 Model List

Model List shows all the models in Slave Server.

User can refer to [6.2.2 Model List](#)

# 6.4 Mission

Mission is used to set playback time and playback model or plan to Slave-side.

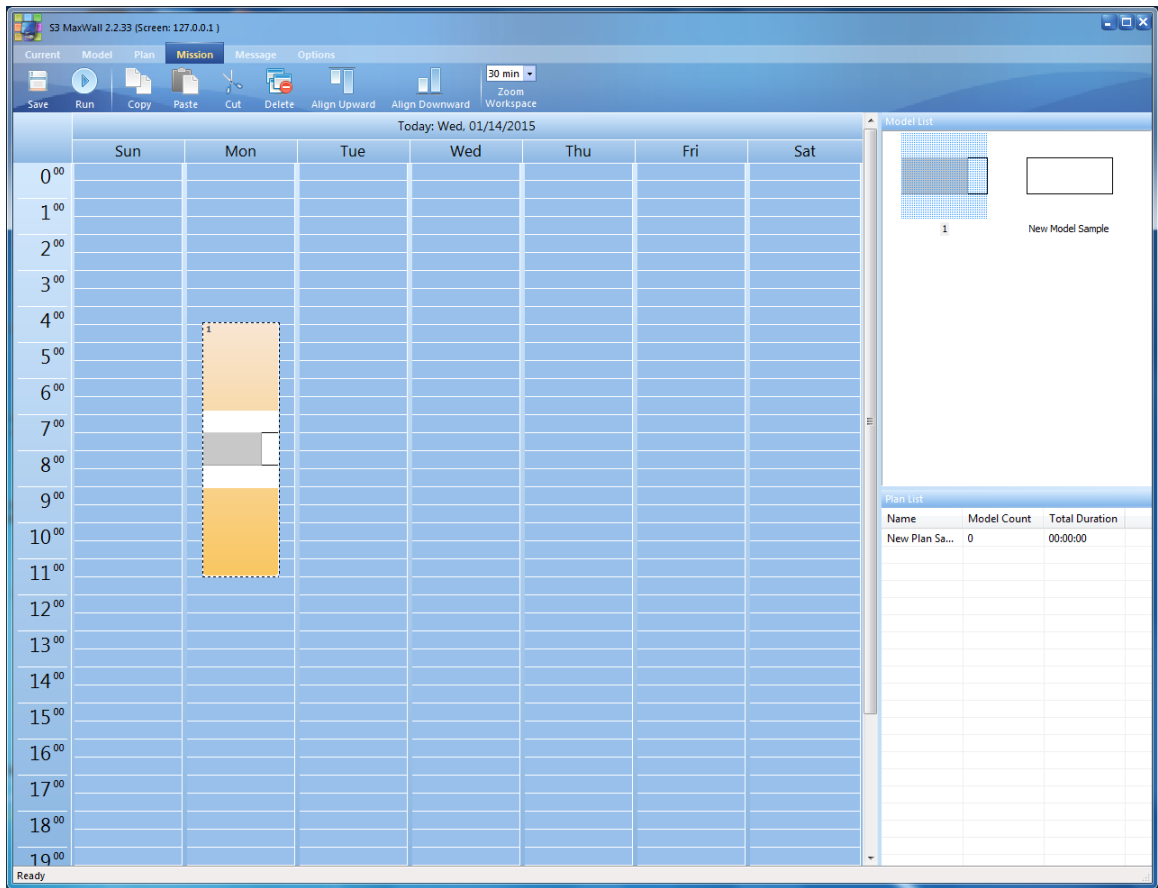


Figure 6.4-1

## 6.4.1 Tools Bar



Figure 6.4-2

<b>Save</b>	Save a mission
<b>Run</b>	Run a mission
<b>Copy</b>	Copy mission item
<b>Paste</b>	Paste mission item
<b>Cut</b>	Cut mission item
<b>Delete</b>	Delete mission item
<b>Align Upward</b>	Align mission item upward
<b>Align Downward</b>	Align mission item downward

### 6.4.2 Mission Pane

[illegible]

**Figure 6.4-3**

Mission window is the main user interface for editing the mission. It lists a week time. User can drag model or plan into mission window.



6.4.3 Model List



Figure 6.4-4

User can refer to [5.2.2 Model List](#)

6.4.4 Plan List

Plan List			
Name	Model Count	Total Duration	
111	1	16:25:30	
New Plan Sa...	0	00:00:00	

Figure 6.4-5

User can refer to [6.3.2 Plan List](#)

6.5 Message

**Message** provides scroll message function on Slave

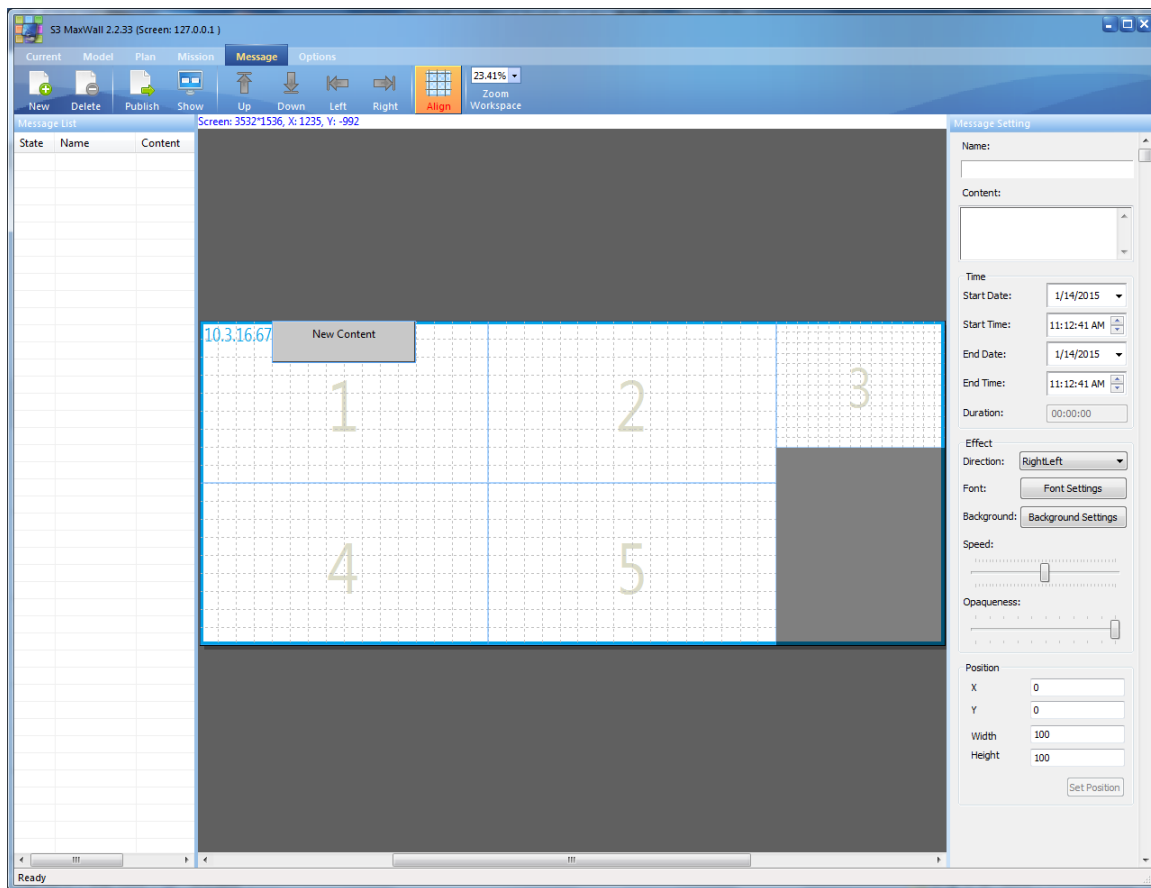


Figure 6.5-1

## 6.5.1 Tools File

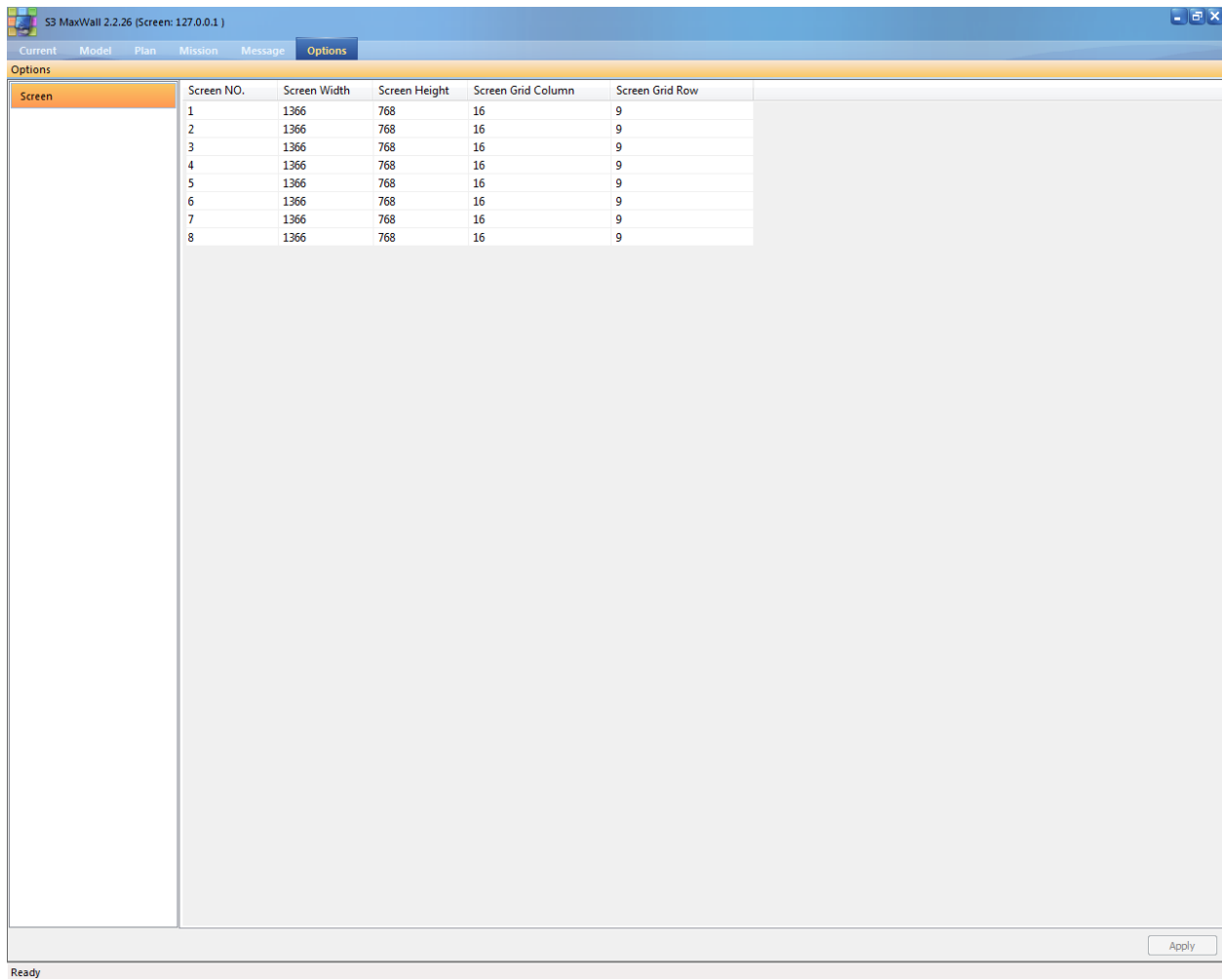


Figure 6.5-2

New	Create a new message
Delete	Remove selected message
Publish	Formalize the message to run
Show	Show the message running on Slave
Up	Align content to the upper edge of the canvas
Down	Align content to the lower edge of the canvas
Left	Align content to the left edge of the canvas
Right	Align content to the right edge of the canvas
Align	Align content to grid
Zoom Workspace	Zoom workspace

## 6.6 Options

**Option** shows Slave properties, such as monitor resolution, **switch the playback mode in master**. Double-click "Screen Grid column" and "Screen Grid Row", you can change their values. View current task.



**Figure 6.6-1**

SlaveRunMode: Choose the modes in drop-down list, click it to switch between window mode and full screen mode.

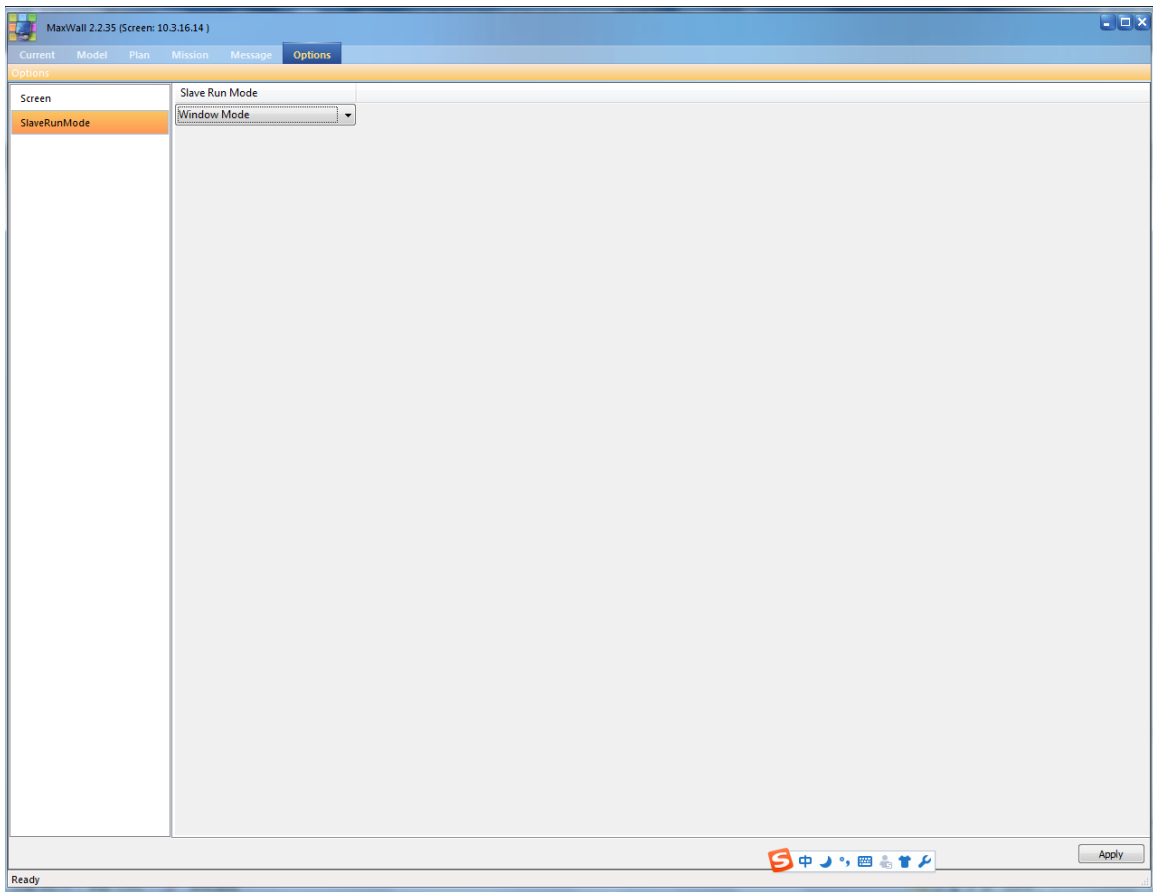


Figure 6.6-2

Apply the change, the mode will be changed automatically.

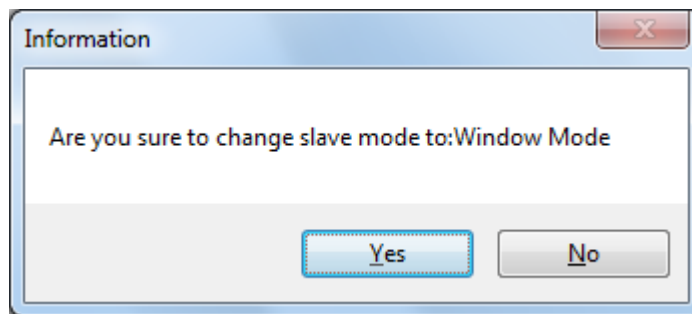


Figure 6.6-3

Mode change in progress:

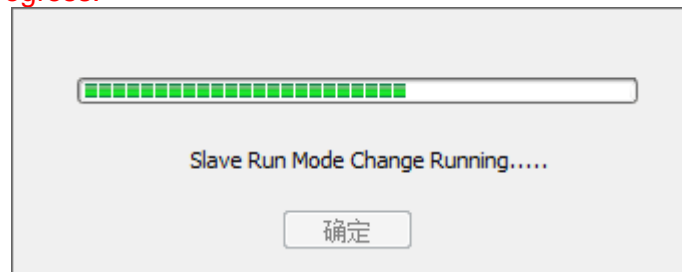


Figure 6.6-4

## Chapter7 RS232Tools

This section explains how to control Maxwell slave playback by RS232. We need a machine with RS232 cable connected to slave.

Note: This machine could not be a master

### 7.1 Slave RS232 setting

RS232 does not need to control the Slave via master, just connect to Slave directly.

1. In slave machine: enter computer management→ Device manager→Port, choose COM port, setting the property

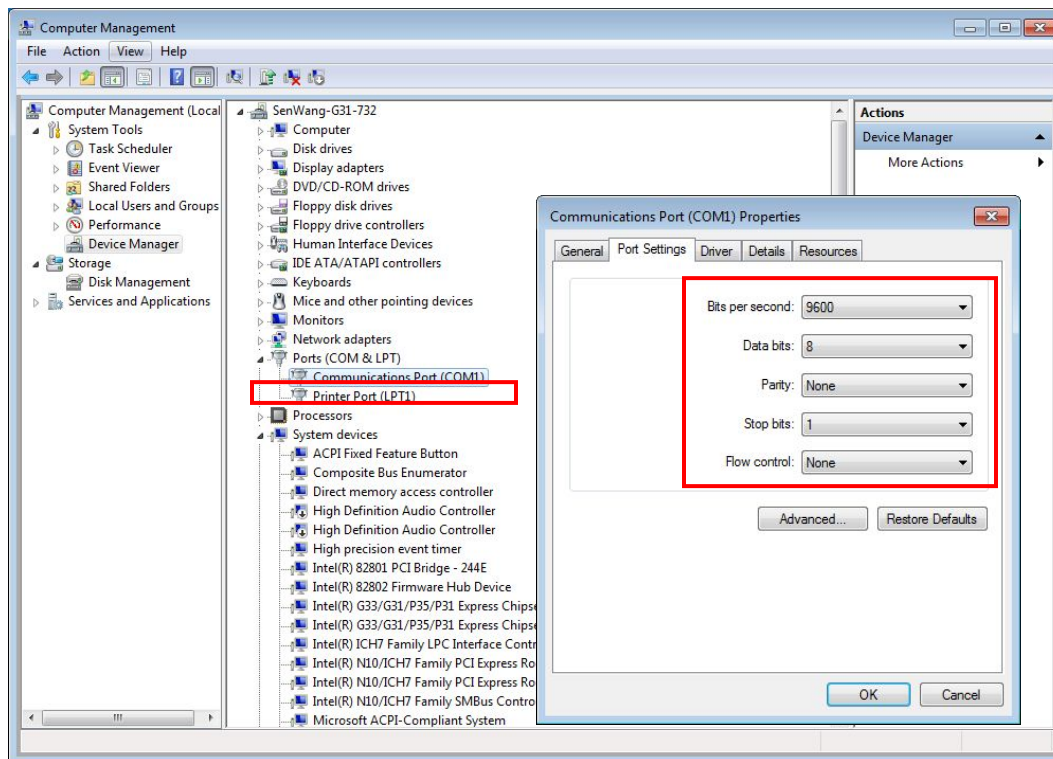


Figure 7.1-1

2. Open server config, choose 'Use COM'  
Port: Set COM of the Slave as '1'  
BaudRate means Bits per second in Device Manger COM property, default is 9600

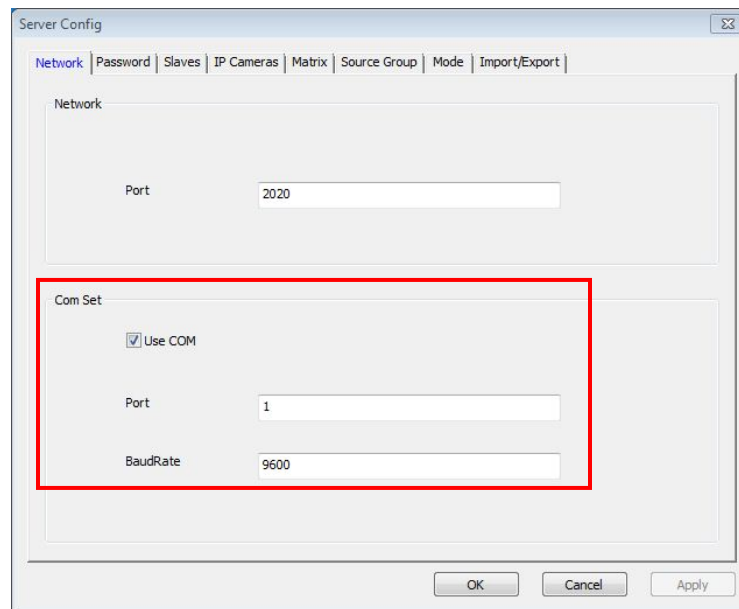


Figure 7.1-2

## 7.2 Master RS232 setting

1. In Server machine: enter computer management→ Device manager→Port, choose COM port, setting the property

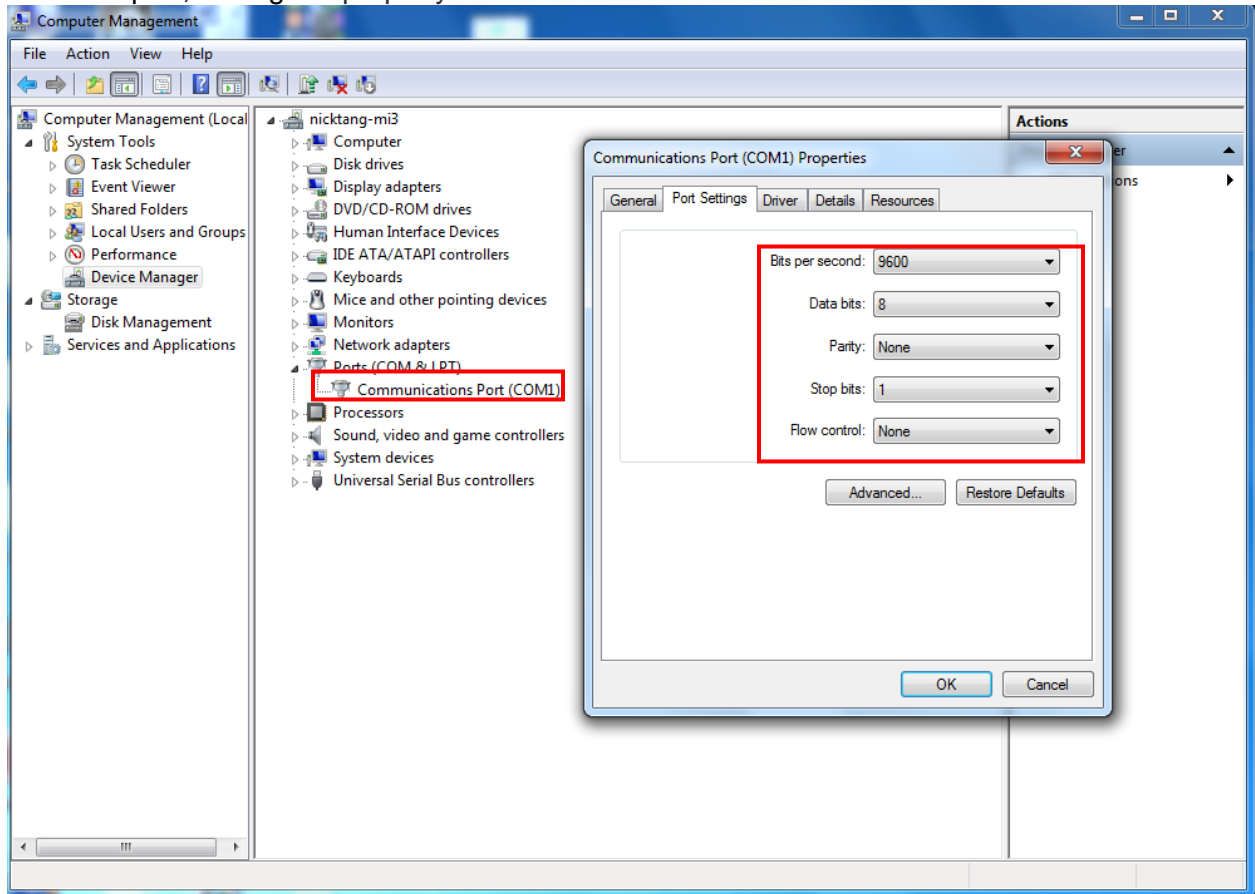


Figure 7.2-1

2. Open Rs232Tool, set the COM Port as COM3, Baud rate is 9600

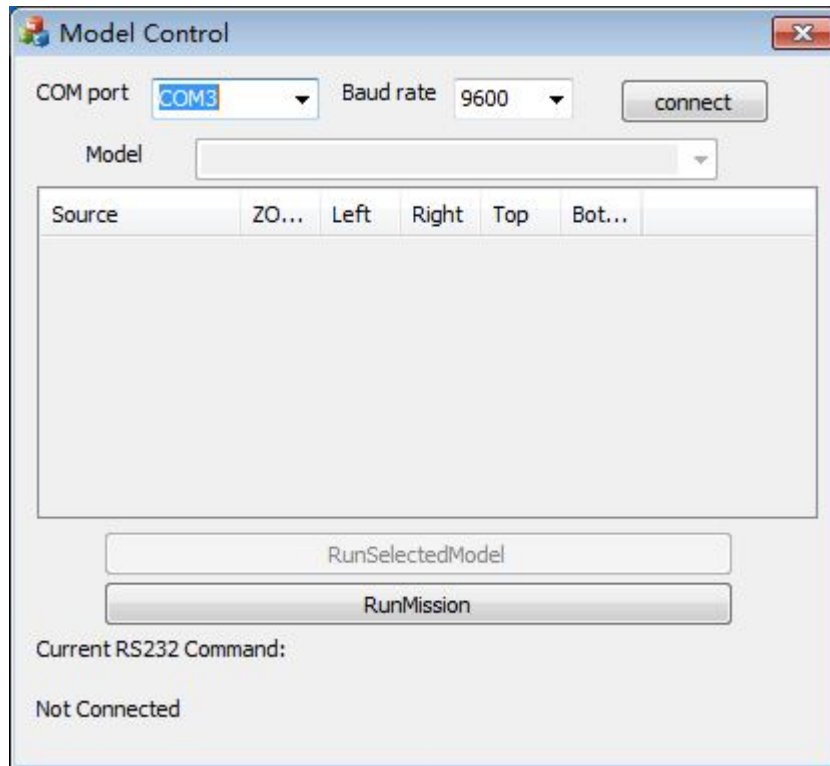


Figure 7.2-2

## 7.3 Using RS232T

1. Click **connect** button to start RS232 control

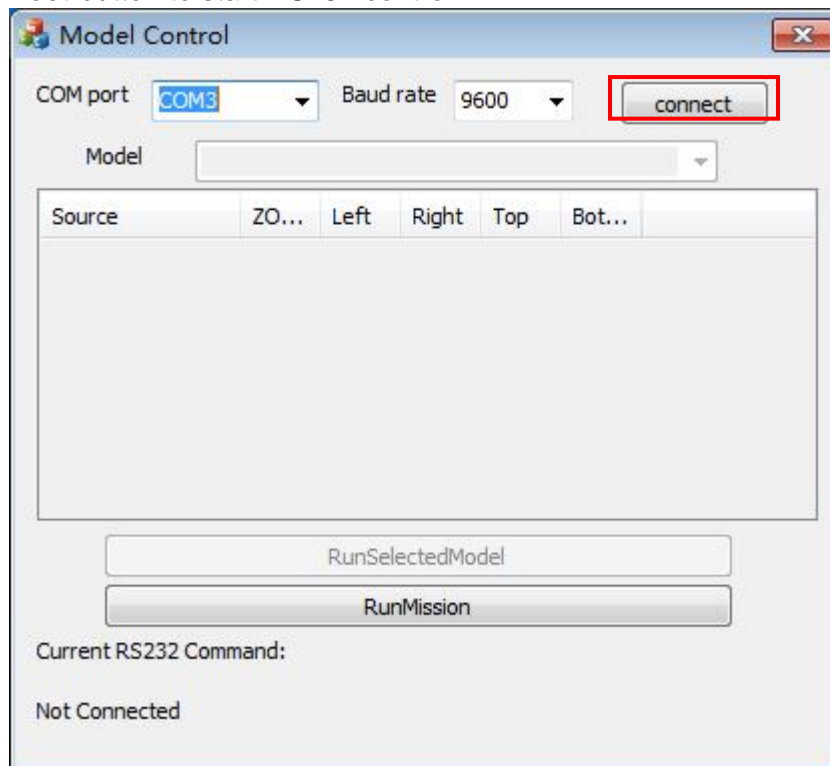


Figure 7.3-1



2. Choose Model and click **“RunSelectModel”** , Slave will run the selected model

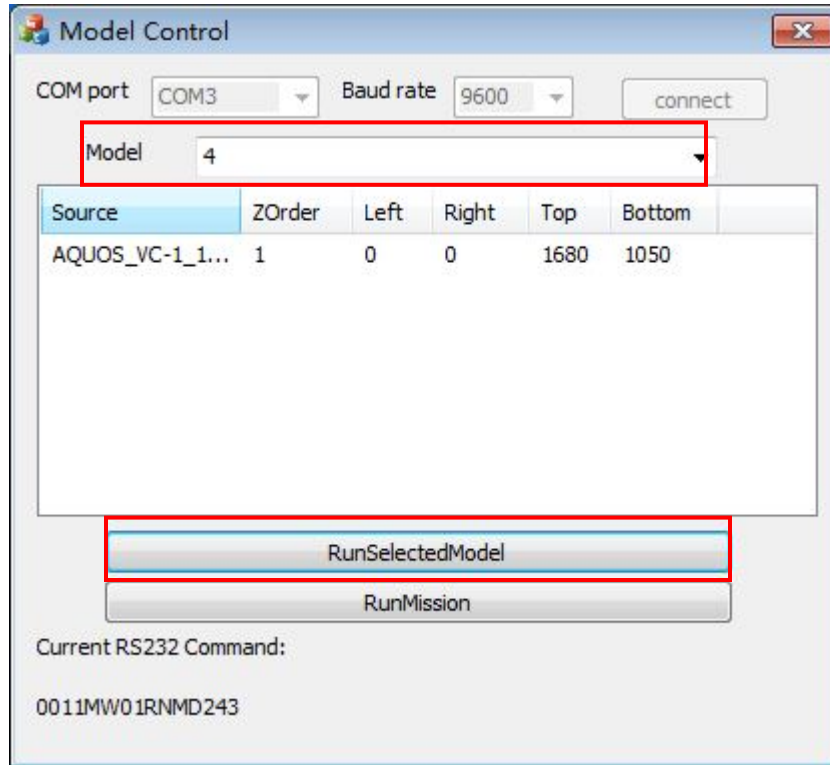


Figure 7.3-2

3. Click **“RunMission”** to run the mission accordingly

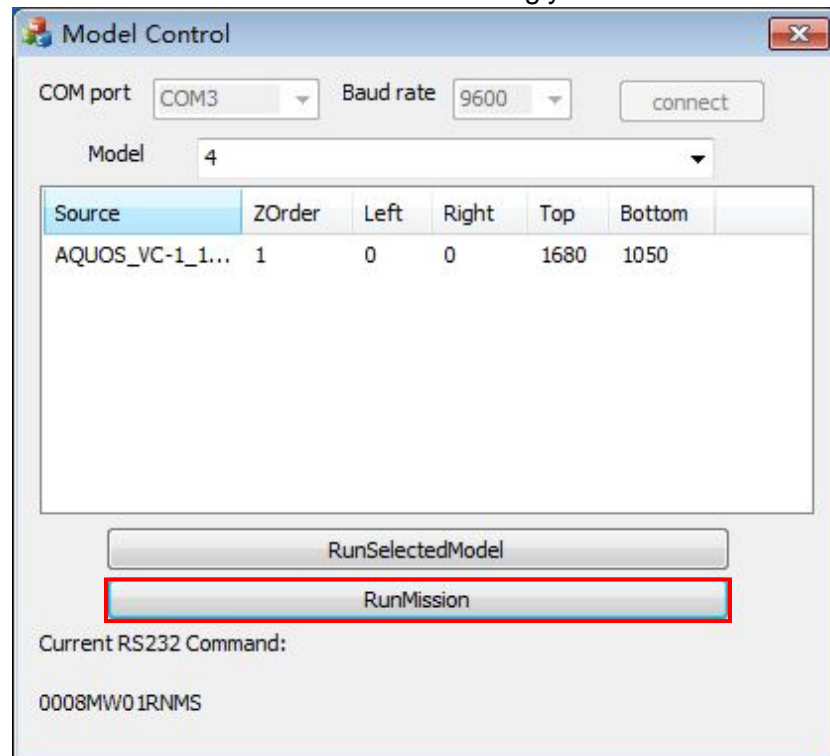


Figure 7.3-3

## Chapter8 SmartTransmitter

PRO S3 SmartTransmitter is designed for uploading Windows desktop to slave for display.

### 8.1 SmartTransmitter installation

Run [SM@RTTransmitteSetup.msi](#) to install the transmitter on which machine you want to upload its content.

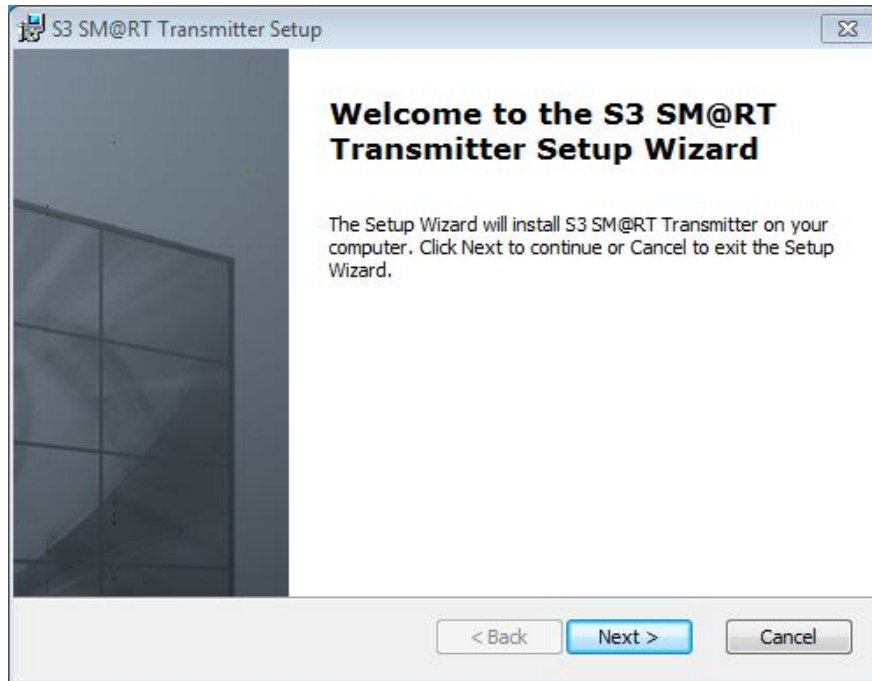


Figure 8.1-1

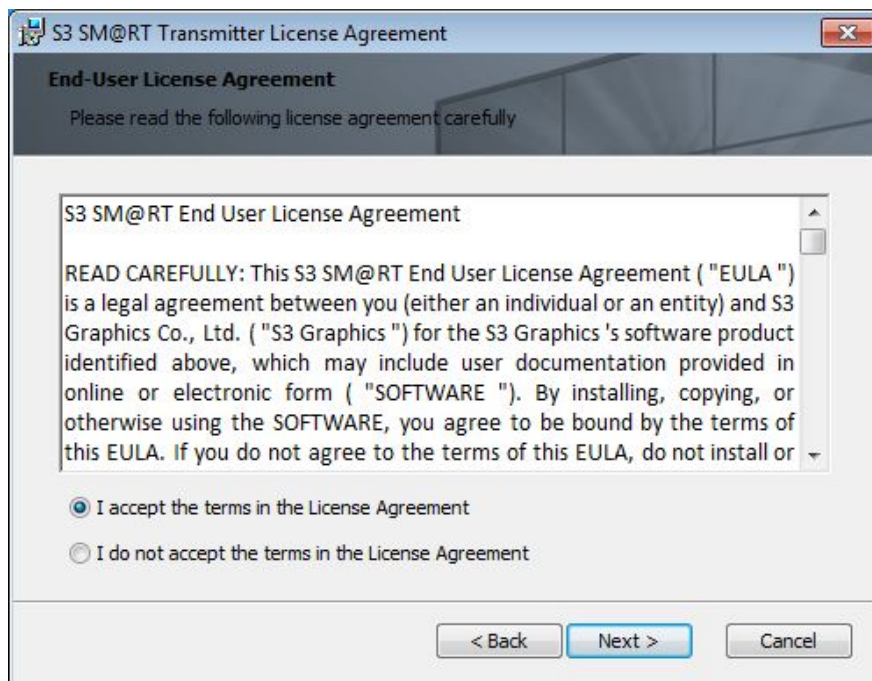


Figure 8.1-2

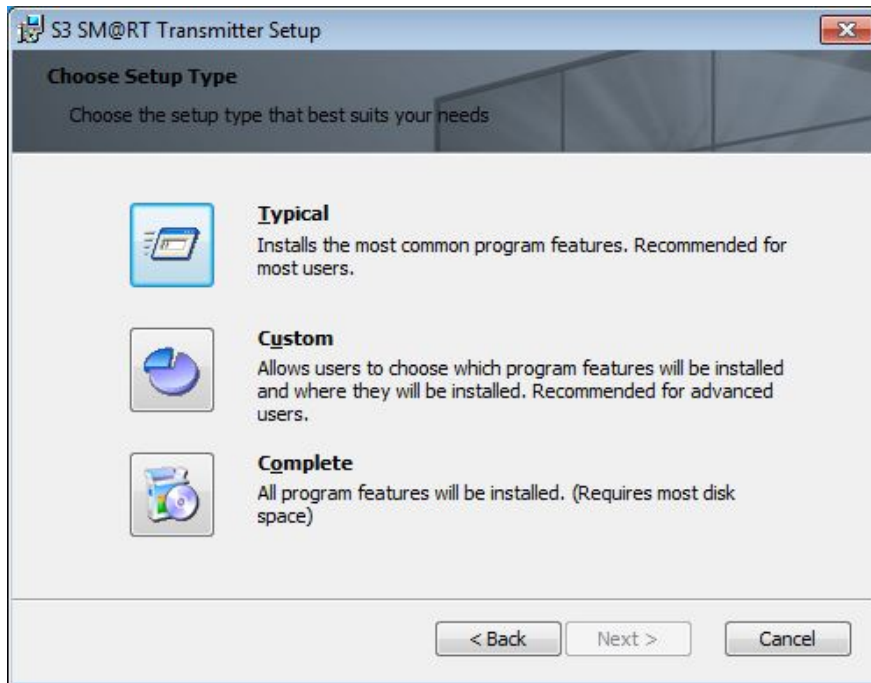


Figure 8.1-3

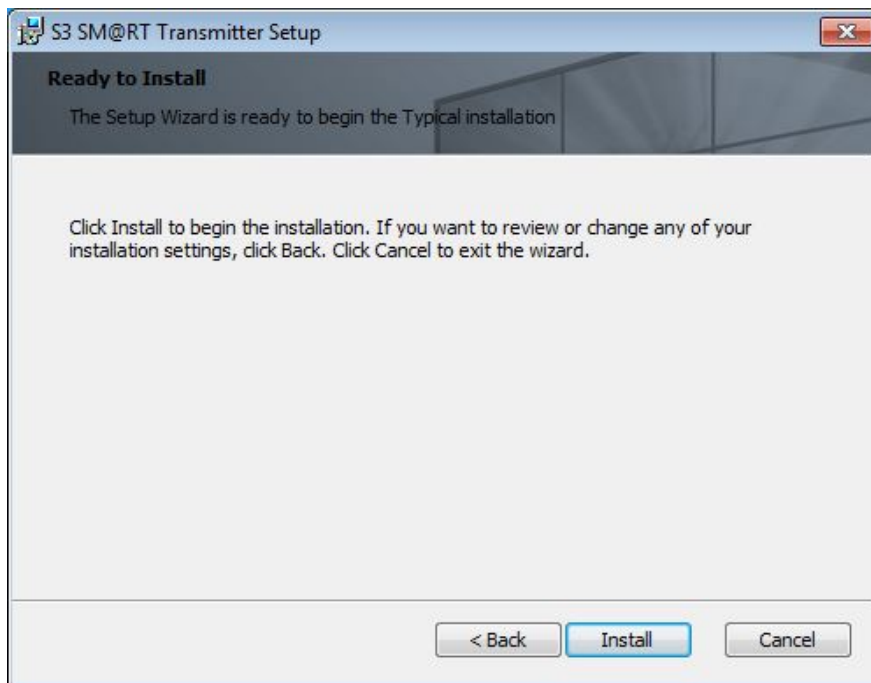


Figure 8.1-4

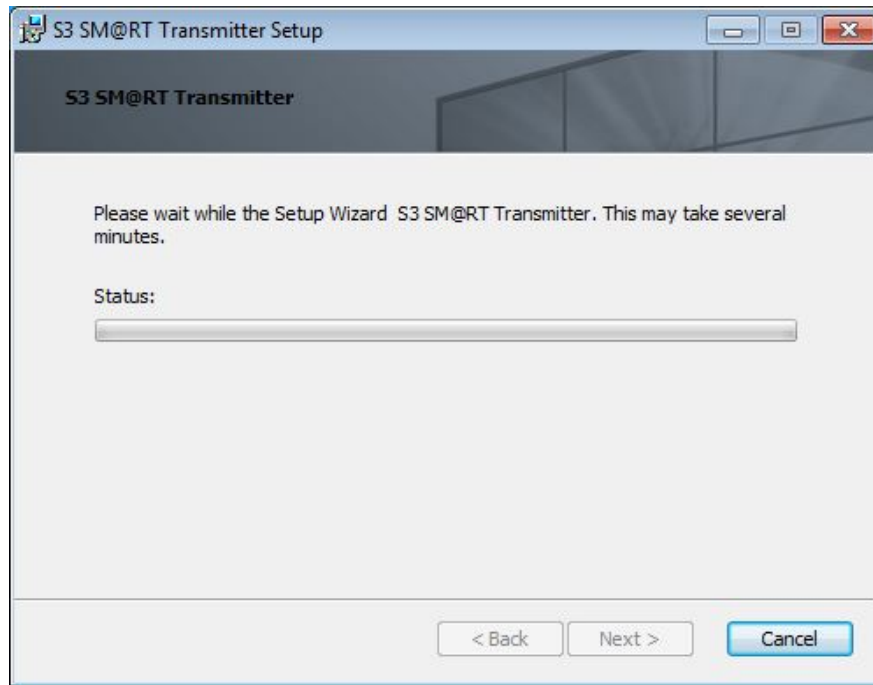


Figure 8.1-5

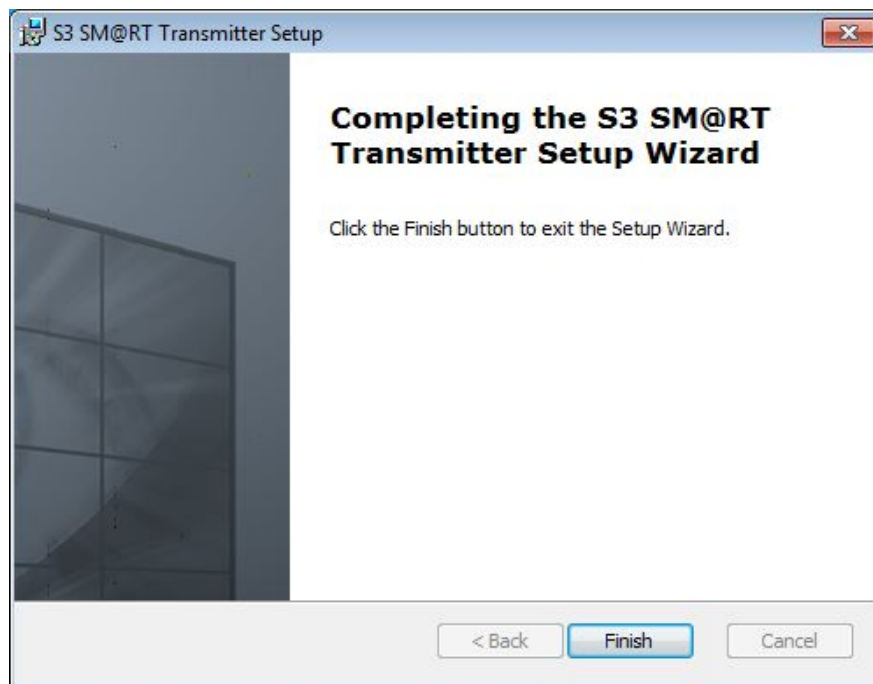


Figure 8.1-6

## 8.2 Run SmartTransmitter

After installation, a shortcut will be shown on desktop. Run transmitter, machines IP will be shown in master source list. Transmitter source can be added in mode/mission, all the operations like videos are available.

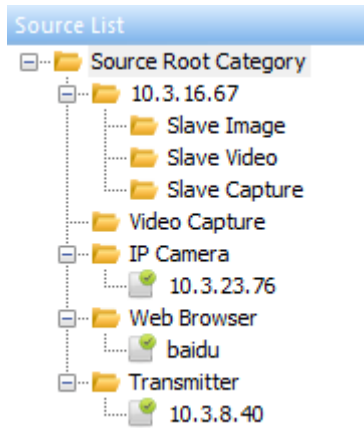


Figure 8.2-1